



CONSTRUCTION CHEMICALS

KYYNAR

# General Product Guide - 2023

ISO 9001

ISO 14001

ISO 45001

ISO 10002



CONSTRUCTION CHEMICALS



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# ADHESIVES



### MegaFix Y101

Cement based ceramic tile adhesive

Cement based ceramic tile adhesive mortar with reduced slippage and extended retention time.

### Areas Of Use



It is used for adhesion of coating materials on sound, dust-free, with low water absorption rate cement-based plaster, screed, primed concrete surfaces, horizontally and vertically in indoors spaces and horizontally in outdoors spaces. In addition, suitable for bonding glass bricks indoors.

### Certificates



C1TE

### Consumption

Please see  
"Table 1-  
Consumption Rates  
for Adhesives  
(Page 48)

25 kg



### MegaGranit Y102

Cement based, high performance, elastic characterized, FLEX adhesive mortar for large size ceramic tiles

Cement based, elastic characterized adhesive mortar with reduced slippage and high adherence for large size coating applications such as ceramic, granite ceramic, marble, natural rock and porcelain, which is resistant to temperature changes, water and frost.

### Areas Of Use



It is used for the adhesion on such sound, dust free vertical and horizontal cement based plaster, trowel coating and prime coated concrete surfaces and with low water absorbance of such coating materials with low water absorbance as ceramic tiles in indoors and outdoors spaces.

The product is used for the adhesion of such coating materials as granite, marble, cotto, natural stone-like with low water absorption rate, especially in places exposed to heavy traffic, to horizontal and vertical surfaces indoors and outdoors.

### Certificates



C2TE

### Consumption

Please see  
"Table 1-  
Consumption Rates  
for Adhesives  
(Page 48)

25 kg



### MegaFlex Y103

Cement based, high performance, high elasticity, large size ceramic adhesive mortar

Cement based, elastic adhesive with reduced slippage, high adherence and elongated workable time for large size coating applications such as ceramic, granite ceramic, marble, natural rock and porcelain, which is resistant to temperature changes, water and frost.

### Areas Of Use



It is used for the adhesion on such sound, dust free vertical and horizontal cement based plaster, trowel coating and prime coated concrete surfaces and dry wall systems as well as prime coated ceramic tile coated surfaces with low water absorbance of such coating materials with low water absorbance as ceramic tiles in indoors and outdoors spaces. The product is used in places such as hospitals, schools, stores, markets, which are exposed to heavy traffic indoors and outdoors, and on floors with underfloor heating where temperature changes are too high, on the floors and walls of vibrating subway, terminal and auto stations. The product is also used for the adhesion of coating materials on waterproofed surfaces and ceramic on ceramic application surfaces, to which MegaFilm Visko A203 primer has been applied.

### Certificates



C2TE S1

### Consumption

Please see  
"Table 1-  
Consumption Rates  
for Adhesives  
(Page 48)

25 kg



### MegaFlex Maxi Y104

Cement-based, high performance, very high elasticity, large sized ceramic adhesive mortar

Cement-based adhesive mortar with high adhesion strength, very high elasticity, reduced slippage, extended working time and resistant to temperature changes, water and frost which is improved for large-size coating material such as ceramic, granite ceramic, granite, marble, natural stone, porcelain.

### Areas Of Use



It is used for the adhesion on such sound, dust free vertical and horizontal cement based plaster, trowel coating and prime coated concrete surfaces and dry wall systems as well as prime coated ceramic tile coated surfaces with low water absorbance of such coating materials with low water absorbance as ceramic tiles in indoors and outdoors spaces. The product is used in such indoors and outdoors spaces that are exposed to busy traffic as hospitals, schools, stores and grocery stores, on such floors with floor heating, where extremely high temperature changes occur, and on the floors and walls of metro, terminal and coach stations which are characterized by vibration. The product is also used for the adhesion of coating materials on waterproofed surfaces and ceramic on ceramic application surfaces, to which MegaFilm Visko A203 primer has been applied.

### Certificates



C2TE S2

### Consumption

Please see  
"Table 1-  
Consumption Rates  
for Adhesives  
(Page 48)

25 kg



### MegaPool Y105

Cement based, highly elastic, ceramic adhesive mortar for POOLS and wet environments

Cement based adhesive mortar with highly elasticity, reduced slippage, high adherence, extended workable time and resistant to temperature changes, water and frost which is improved for pool and wet space applications.

### Areas Of Use



It is used for the adhesion on such sound, dust free vertical and horizontal cement based plaster, trowel coating and prime coated concrete surfaces and dry wall systems as well as prime coated ceramic tile coated surfaces with low water absorbance of such coating materials as ceramic tiles in indoors and outdoors spaces.

Thanks to its special formula developed especially for wet areas, it can be used in places such as swimming pools, water tanks, car wash stations, which are in constant contact with water, floor heating systems with high temperature changes, on areas subject to heavy pedestrian traffic and on moving building elements.

### Certificates



C2TE S1

### Consumption

Please see  
"Table 1-  
Consumption Rates  
for Adhesives  
(Page 48)

25 kg





FAST SETTING

### MegaPro RapidFlex Y113

Cement based adhesive mortar, reinforced with special additives, high elasticity and rapidly hardening for large size ceramic tiles.

Cement based, elastic, rapidly freezing/hardening adhesive with reduced slippage, high adherence for large size coating materials such as cement based ceramic, granite ceramic, granite, marble, natural rock and porcelain, which is resistant to temperature changes, water and frost.

### Areas Of Use



It is used for the adhesion on such sound, dust free vertical and horizontal cement based plaster, trowel coating and prime coated concrete surfaces and dry wall systems coating materials with low water absorbance as ceramic tiles in indoors and outdoors spaces. The product is suitable for use in ceramic on ceramic applications in indoors spaces. The product is especially preferred on surfaces that need to be renovated and opened to pedestrian traffic in a short time, in floor applications that will be exposed to heavy pedestrian traffic, and on floors with underfloor heating where temperature changes are too high. The product should be preferred to such environments, which are likely to be exposed to frost after the application, due to its rapid hardening nature. The product is used for the adhesion of large size floor and wall ceramic, natural rock, granite, and porcelain ceramic tiles.

### Certificates



### Consumption

Please see  
"Table 1-  
Consumption Rates  
for Adhesives  
(Page 48)

25 kg



### MegaPro Facade Y111

Cement and polymer emulsion based, double compound, high performance, very high elasticity, large size ceramic adhesive mortar

Cement and polymer emulsion based, double component elastic adhesive mortar with reduced slippage, high adherence, very high elasticity, elongated workable time, resistant to temperature changes, water and frost is improved for large size coating applications such as ceramic, granite ceramic, marble, natural rock and porcelain.

### Areas Of Use



IT is used for the adhesion on such sound, dust free vertical and horizontal cement based plaster, trowel coating and prime coated concrete surfaces and dry wall systems coating materials with low water absorbance as ceramic tiles in indoors and outdoors spaces. The product, absorbing temperature changes, vibrated surface movements, deformations such as expansion and shrinkage thanks to its high elasticity especially in such environments and on such surfaces that require high elasticity and strength, enables secure adhesion. The product is suitable for use in places such as hospitals, schools, stores, markets, which are subject to heavy traffic, and in places where there are sudden temperature changes such as cold storages, freezing facilities, exteriors of ovens, underfloor heating systems. The product is also used on floors and walls of metro, terminal and auto stations with vibration. The product is also used ceramic on ceramic applications which are applied with MegaFilm Visko A203.

### Certificates



### Consumption

Please see  
"Table 1-  
Consumption Rates  
for Adhesives  
(Page 48)

25 kg Powder  
+  
6,25 kg Liquid  
(set)



FAST SETTING

### MegaPro Y117

Cement and polymer emulsion based adhesive mortar with two component, high performance, rapidly hardening and very high elasticity, for large sized tiles

Cement and polymer emulsion based adhesive mortar with high adhesion strength, very high elasticity, reduced slippage, quick set, elongated workable time, two component, resistance against temperature change, water and frost for large size coating materials such as ceramic, granite ceramic, marble, natural stone and porcelain.

### Areas Of Use



It is used for the adhesion on such sound, dust free vertical and horizontal cement based plaster, trowel coating and prime coated concrete surfaces and dry wall systems coating materials with low water absorbance as ceramic tiles in indoors and outdoors spaces. The product is especially preferred on surfaces that need to be renovated and opened to pedestrian traffic in a short time. The product should be preferred to such environments, which are likely to be exposed to frost after the application, due to its rapid hardening nature. It is used safely in bonding coating materials such as large dimension floor and wall tiles, natural stones, porcelain ceramic by absorbing heat changes in environments and surfaces requiring high elasticity and strength, vibrating surface movements, form changes such as expansion and contraction, thanks to its high elasticity. The product is suitable for use in such spaces characterized by sudden changes in temperature such as cold storage rooms, quick freezing facilities, exteriors of furnaces and floor heated systems. The product is also used on the floors and the walls of such spaces characterized by vibration as metro stations, terminals and coach stations. The product is also used for ceramic tile adhesion applications on old ceramic tile coated surfaces.

### Certificates



### Consumption

Please see  
"Table 1-  
Consumption Rates  
for Adhesives  
(Page 48)

20 kg Powder  
+  
10 kg Liquid  
(set)



### MegaPro Restorasyon Y116

High performance restoration mortar for old and historical structures

Versatile high performance restoration mortar, containing high quality filling material, special binders and additives, which is used as masonry mortar for the purpose of the restoration of old and historical structures and for the purpose of joint filling applications.

### Areas Of Use



It is used for the masonry and for the filling of the cracks that emerge due to surface and wall repairs on horizontal and vertical surfaces in indoors and outdoors spaces as a part of the restoration of old and historical structures and for joint filling applications.

### Consumption

The consumption amount varies depending on the condition of the application surface and the coating material.

25 kg



### MegaPro Pastemix Y201

Polymer emulsion based, ready to use ceramic tile adhesive mortar

Polymer emulsion based, high performance, ready to use ceramic tile adhesive mortar with reduced slippage.

### Areas Of Use



It is used for adhering ceramic coating materials with low water absorption rate on solid, dust-free and low water absorption cement-based plastered surfaces, glassy surfaces, wood and gypsum-based plates, to vertical surfaces indoors, and ceramic-on-ceramic applications.

### Certificates



### Consumption

Please see  
"Table 1-  
Consumption Rates  
for Adhesives  
(Page 48)

25 kg

5 kg  
15 kg

### MegaPro Y401

Two Component, Polyurethane Based, Solvent Free Adhesive Mortar With Properties Of Reduced Slippage

Two component, water, frost and temperature change resistant, advanced polyurethane based, highly adhesive, significantly elastic adhesive mortar with reduced slippage properties intended for use on large size finishing materials made of ceramic, granite ceramic, wood and hardwood.

### Areas Of Use



It is used for the adhesion of finishing materials with low water absorption such as ceramic on solid, dust-free and low water absorption (plaster based) cement-based plaster, dry wall systems, aluminum, primed concrete, metal and hardwood on interior and exterior, horizontal and vertical surfaces. Thanks to its significant elasticity, MegaPro Y401 ensures safe adhesion as it absorbs the temperature changes, vibrating surface movements, form changes such as expansions and contractions specific to the environments and surfaces that require high elasticity and resistance. It is used for the adhesion of ceramic on horizontal and vertical surfaces of old ceramic finishing, metal or hardwood. The product has excellence resistance against acidic and alkaline solutions (10%), detergents, sea water, oils and greasing materials. It can be used for the adhesion of coating materials in boats and ships where resistance against water and surface movements is needed.

### Certificates



### Consumption

On smooth surfaces;  
1.0 kg/m<sup>2</sup> based on 4x4x4 notch measurement. The consumption amount varies based on the state of the application surface and the size of the finishing material used.  
6,25 kg + 0,75 kg (set)

### MegaBlok Y192

Cement based, gas concrete adhesive mortar

Cement based, practical, manually applied gas concrete masonry mortar, containing workability enhancing chemical additives.

### Areas Of Use



It is used for laying building elements such as pumice, gas concrete and brick on vertical surfaces indoors and outdoors.

### Certificates



### Consumption

Please see "Table 1- Consumption Rates for Adhesives (Page 48)"  
25 kg

### MegaThermo Y193

Adhesive mortar for thermal insulation panels

Cement based, highly adhesive mortar for thermal insulation panels with reduced slippage, which enables more secure adhesion thanks to polymer additives.

### Areas Of Use



It is used for the adhesion of such thermal insulation panels as XPS, EPS, platinum and rockwool in indoors and outdoors spaces of all buildings.

### Certificates



### Consumption

Recommended consumption amount for insulation application on 1 m<sup>2</sup> surface is 4.0 - 5.0 kg.  
25 kg

### ARTEFIX

Cement based ceramic adhesive mortar

Cement based ceramic adhesive mortar with reduced slippage.

### Areas Of Use



It is used for adhesion of coating materials on horizontal and vertical surfaces, on sound, dust-free and low water absorption cement-based plaster and screed in indoor spaces.

### Certificates



### Consumption

The consumption amount varies depending on the condition of the application surface and the coating material.  
25 kg

### Mantotherm Adhesive Mortar Y194

Adhesive mortar for thermal insulation panels

Cement based, highly adhesive mortar for thermal insulation panels, which is resistant to water, frost, high temperature and temperature changes and enables more secure adhesion thanks to polymer additives.

### Areas Of Use



It is used for the adhesion of such thermal insulation panels as XPS, EPS, Platinum and Rockwool in indoors and outdoors spaces of all buildings.

### Certificates



### Consumption

Recommended consumption amount for insulation application on 1 m<sup>2</sup> surface is 4.0 - 5.0 kg.  
25 kg

## ADHESIVES - RECOMMEND PRODUCTS TABLE

		Products														
		MegaFix Y101	MegaGranit Y102	MegaFlex Y103	MegaFlex Maxi Y104	MegaPool Y105	MegaPro RapidFlex Y113	MegaPro Facade Y111	MegaPro Y117	MegaPro Restorasyon Y116	MegaPro Pastemix Y201	MegaPro Y401	MegaEpoxy D501	MegaBlok Y192	MegaThermo Y193	ARTEFIX
AREA OF USE	Indoor Floor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Indoor Wall	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Outdoor Floor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Outdoor Wall		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TYPE OF COATING	Porcelain*		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓			
	Granite*		✓	✓	✓	✓	✓	✓	✓			✓	✓			
	Natural Stone		✓	✓	✓	✓	✓	✓	✓				✓			
	Marble*		✓	✓	✓	✓	✓	✓	✓			✓	✓			
	Floor Tile*	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓			✓
	Wall Tile*	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓			✓
	Anti-Acid Tile*												✓			
	Glass Brick	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓			
	Glass Mosaic		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓			
	Thermal Insulating Board														✓	
	Brick													✓		
	Autoclaved Aerated Concrete													✓		
TILE SIZE	Up to 1100 cm²	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓			✓
	Up to 1800 cm²		✓	✓	✓	✓	✓	✓	✓			✓	✓			
	Up to 3600 cm²			✓	✓	✓	✓	✓	✓			✓	✓			
	Above 6400 cm²				✓			✓	✓			✓	✓			
	Cement-based Plaster							✓	✓			✓	✓			
TYPE OF SURFACES	Cement-based Screed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*	✓	✓		✓	✓
	Concrete Surface	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓
	Tile-Covered Surface	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓	✓*	✓*	✓	✓*		
	Vitreous Surface		✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓	✓	✓	✓			
	Waterproofed Surface		✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓	✓	✓	✓			
	Wood Plates		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓			
	Drywall and Gypsum-Based Surface										✓	✓*	✓			
	Aqua Board			✓*	✓*	✓*	✓*	✓*	✓*		✓*	✓*	✓*			
	Metal			✓*	✓*	✓*	✓*	✓*	✓*			✓*	✓*			
DIFFERENT APPLICATION AREAS	Areas of heavy foot traffic and vibration (hospital, school, store, supermarket)		✓	✓	✓	✓	✓	✓	✓			✓	✓			
	Wet areas	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		
	Areas Required To be Put in Service For Foot Traffic in Short Time						✓		✓							
	Floor Heating Systems with Significant Thermal Change			✓	✓	✓	✓	✓	✓			✓	✓			
	Places of instant Thermal Changes (Cold Room, Shock Freeze Plants and Terrace)			✓	✓	✓		✓	✓			✓	✓			
	Historical Building Surface									✓						
	Industrial Floor Applications		✓	✓	✓	✓	✓	✓	✓			✓	✓			
	Areas Which Require High Flexibility and Resistance (Carparks, Subway, Bus Thermal Stadium Areas For Use of Movable Work Machines)			✓	✓	✓		✓	✓			✓				
	Areas Which Require Chemical Resistance, Impermeability and High Strength												✓			
WATER BUILDING	Drinking Water Tank												✓			
	Water Tank					✓		✓	✓				✓			
	Swimming Pool					✓		✓	✓			✓	✓			

✓\* : Primer applied according to the surface character.

For applications big sized tiles above 6400 cm² on the outdoor wall and for different applications refer to our technical support  
(444 4 595)





# JOINT FILLERS

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### MegaFuga D101

#### Cement based Joint filler

Cement based joint filler, applied to the ceramic joints with gaps, ranging between 1 and 6 mm.

#### Areas Of Use



It is suitable for use on the joints with gaps, ranging between 1 and 6 mm on such floors coated with ceramic, natural stone, granite ceramic and marble and in horizontal and vertical joint gaps in indoors spaces.

#### Certificates



CG1

#### Consumption

Please see "Table 2- Consumption Rates for Joint Fillers". (Page 49-50)

5 kg  
20 kg

White, Light Grey



### MegaFuga Sil D102

#### Silicon mixed, low water absorbent joint filler

Cement based, elastic and water repellent joint filler with polymer and silicon additives, which is suitable for application to joint gaps, ranging between 2 and 10 mm, in indoors and outdoors spaces, and is resistant to temperature changes and also water resistant.

#### Areas Of Use



It is suitable for use on the joints with gaps, ranging between 2 and 10 mm, on such floors coated with ceramic, natural stone, granite ceramic and marble, and on such wet areas as bathrooms and terraces. It is suitable for use horizontal and vertical joint gaps on indoors and outdoors spaces.

#### Certificates



CG2WA

#### Consumption

Please see "Table 2- Consumption Rates for Joint Fillers". (Sayfa 49-50)

1 kg (New Product)  
White, Light Grey,  
Grey, Beige,  
Anthracite

5 kg  
20 kg

22 Different Colors



### MegaFuga Flex D103

#### High performance, elastic and antibacterial joint filler

Cement based, elastic and antibacterial joint filler with high polymer additive, which is suitable for application to joint gaps, ranging between 2 and 10 mm, in indoors and outdoors spaces, and is resistant to temperature changes and also water resistant.

#### Areas Of Use



It is suitable for use on all types of coating with joint gaps, ranging between 2 to 10 mm, on such floors applied with ceramic, natural stone, granite ceramic, marble etc., on such wet areas as bathrooms, terraces, on such floors with floor heating, where extremely high temperature changes occur, on such floors that are exposed to busy pedestrian traffic and on horizontal and vertical joint gaps in indoors and outdoors spaces.

#### Certificates



CG2WA

#### Consumption

Please see "Table 2- Consumption Rates for Joint Fillers". (Sayfa 49-50)

5 kg  
20 kg

22 Different Colors



### MegaFuga Pool D105

Cement based high performance elastic joint filler material with advanced water-repellant properties, specially developed to be used in pool construction.

Cement based water and heat resistant, water repellent joint filler material that is resistant to pool chemicals and bacteria and is applicable to 2-10 mm joint gaps both on indoor and outdoor surfaces.

#### Areas Of Use



It is suitable for use in the construction of pools to fill in joints of 2 to 10 mm in size on walls and floors on which ceramic, marble and glass mosaic tiles are used as finish coat.

#### Certificates



CG2WA

#### Consumption

Please see "Table 2- Consumption Rates for Joint Fillers". (Sayfa 49-50)

20 kg

White, Light Grey,  
Blue



### MegaFuga Rustik D106

#### Joint filler with rustic appearance for large joint gaps

Cement based, elastic joint filler resistant to temperature changes, which is suitable for application to joint gaps, ranging between 4 to 20 mm, of ceramic, face tile and decorative coatings.

#### Areas Of Use



It is suitable for use on large joint gaps of natural stone and face tile coatings for decorative purposes, and on vertical and horizontal surfaces in indoors and outdoors spaces.

#### Certificates

CG2WA

#### Consumption

Please see "Table 2- Consumption Rates for Joint Fillers". (Sayfa 49-50)  
20 kg

Beige, Grey, Black





## MegaEpoxy D501

Epoxy resin based, double component, acid and alkali resistant adhesive and joint filler

Epoxy resin based, double compound antibacterial ceramic adhesive and joint filler, which can be applied to joints, ranging between 3 - 15 mm, is resistant to acids and alkalis, has strong mechanical resistance and is suitable for contact with drinking water.

## Areas Of Use



It is used for the adhesion of antacid ceramic, industrial ceramic, granite, glass mosaic, glass brick and marble horizontally and vertically and the filling of horizontal and vertical joint gaps, ranging between 3 - 15 mm, in indoors and outdoors spaces on such floors with floor heating, where extremely high temperature changes occur, and in such spaces, where chemical resistance, impermeability and high mechanical resistance are required and dry wall systems.

It is fit for use in miscellaneous wet spaces and hygienic environments such as the food industry, milk, cheese and yogurt manufacturing shops, slaughter houses, dairy farms, integrated meat plants, wine distilleries and breweries, bottling and filling facilities, industrial kitchens, hospitals and laboratories, pharmaceutical and cosmetics industry, swimming pools containing salt and thermal water and waste water treatment plants.

## Certificates



**RG**

## Consumption

Please see "Table 2- Consumption Rates for Joint Fillers". (Page 49-50)

5 kg

Beige, Grey, White

## JOINT FILLER PRODUCT SUGGESTION TABLE

		Products	MegaFuga D101	MegaFuga Sil D102	MegaFuga Flex D103	MegaFuga Pool D105	MegaFuga Rustik D106	MegaEpoxy D501
AREA OF USE	Indoors Floors		✓	✓	✓	✓	✓	✓
	Indoors Walls		✓	✓	✓	✓	✓	✓
	Outdoor Floor			✓	✓	✓	✓	✓
	Outdoor Wall			✓	✓	✓	✓	✓
COATING TYPE	Porcelain			✓	✓	✓		✓
	Granit		✓	✓	✓	✓		✓
	Natural Stone		✓	✓	✓	✓	✓	✓
	Marble		✓	✓	✓	✓		✓
	Floor Tile		✓	✓	✓	✓		✓
	Wall Tile		✓	✓	✓	✓		✓
	Anti-acid Tile							✓
	Glass Mosaic			✓	✓	✓		✓
	Decorative Brick						✓	
	Metal							✓
CHARACTERISTICS	Water and Frost Resistance		✓	✓	✓	✓	✓	✓
	Anti-bacterial (contains additives against formation of mold, fungus bacteria and moss)				✓	✓		✓
	Adhesive Character							✓
	Rustic Appearance Character						✓	
	Two-Component							✓
	High Abrasion Resistance			✓	✓	✓	✓	✓
	Extra Water-Repellent Character			✓		✓		
DIFFERENT APPLICATION AREAS	Suitable for Contact with Drinking Water							✓
	Wet Areas			✓	✓	✓		✓
	Surfaces Constantly In Contact With Water (Pool, Tank)					✓		✓
	Foot Traffic Areas			✓	✓			✓
	Vehicle Traffic Areas							✓
	Floor Heating Systems of High Thermal Changes				✓			✓
	Areas that Require Chemical Resistance Impermeability and High mechanical Strenght							✓
	Coatings for Decorative Purpose						✓	
	Food Industry							✓
	Meat-Processing Complexes							✓
	Bottling and Filling Plants							✓
	Industrial Kitchens							✓
	Pharmaceutical and Cosmetics Industry							✓
	Waste Water Treatment Plants							✓
	Swimming Pools Containing Salt or Thermal Water							✓

Refer to our technical support hotline. (PHONE: +90 444 4 595)



# WATERPROOFING MATERIALS

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### Megaizo Lastik 7 S102

Polymer emulsion and cement based, double component, semi elastic waterproofing material

Semi elastic waterproofing material comprised of cement based powder component and polymer emulsion based liquid component, which can be applied prior to the top coating material.

### Areas Of Use



It is applied as waterproofing material in wet surfaces such as bathrooms, kitchens, balconies and terraces, ornamental pools and small volume water tanks under ceramic coating materials. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.

### Certificates



CM P

### Consumption

Recommended consumption amount for 2 mm film thickness; 3.2-4.0 kg/m<sup>2</sup>.

20 kg Powder + 6,35 kg Liquid (set)

Grey, White



### Megaizo Lastik 10 S103

Polymer emulsion and cement based, double compound, fully elastic, waterproofing material fit for potable water tanks

Elastic waterproofing material comprised of cement based powder component and polymer emulsion based liquid component, which is fit for use in drinking water tanks and which can be applied prior to the top coating material.

### Areas Of Use



It is applied as waterproofing material in wet surfaces such as bathrooms, kitchens, balconies and terraces, pools and water tanks under ceramic coating materials. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.

### Certificates



CM O2 P

### Consumption

Recommended consumption amount for 2 mm film thickness; 3.0-3.8 kg/m<sup>2</sup>.

20 kg Powder + 10 kg Liquid (set)

Grey, White



### Megaizo Lastik 11 S104

Polymer emulsion and cement based, double compound, highly elastic waterproofing material fit for use on damp/semi-wet surfaces

Highly elastic waterproofing material that can be applied before the finishing coat of material and is suitable for applying on damp surfaces as it consists of cement based powder component and polymer emulsion based liquid component.

### Areas Of Use



It is applied for waterproofing before the ceramic coating material in such wet spaces as bathrooms, kitchens and balconies, in terraces and in such constantly wet spaces as pools. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.

### Certificates



CM O2 P

### Consumption

Recommended consumption amount for 1 mm film thickness; 1.4-1.6 kg/m<sup>2</sup>.

20 kg Powder + 10 kg Liquid (set)

Grey, White



### Megaizo Lastik 15 S105

Polymer emulsion and cement based, UV resistant, double component and fully elastic waterproofing material

UV resistant waterproofing material comprised of cement based powder component and polymer emulsion based liquid component, which can be applied prior to or as top coating material.

### Areas Of Use



It is used in all structures, especially on terraces and balconies not to be coated with any coating material, as waterproofing material resistant to light pedestrian traffic. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.

### Certificates



CM O2 P

### Consumption

Recommended consumption amount for 2 mm film thickness; 3.0-3.8 kg/m<sup>2</sup>.

20 kg Powder + 10 kg Liquid (set)

Off-white, White



### Megaizo Lastik 3 S903

Hydrophobic impregnated, UV resistant, ready to use waterproofing material

Asilane and siloxane based, waterproofing material which is water-based, UV resistant, ready to use, featuring hydrophobic impregnation and applicable in negative and positive way.

### Areas Of Use



It is recommended for leaking problems that may arise due to capillary cracks of joint sealants in the decorative pools, swimming pools, terraces and balconies, floor covered with natural stone, walls and floors covered with clay and brick, any kind of concrete surfaces and floors. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.

### Certificates



H

### Consumption

Recommended consumption amount for single coat; 0.15 kg/m<sup>2</sup>.

5 kg 500 ml piece/package

White, transparent after application.



FAST SETTING

### Megaizo S201

Elastic waterproofing material, elastomeric polymer-based, quick set, UV resistant

It is elastomeric polymer-based, elastic, quick set, UV-resistant, two-component and mineral filled waterproofing material which is applicable before the final coating material or as final coat.

Suitable for Water Reservoirs

### Areas Of Use



It is appropriate for use on all buildings as a horizontal barrier against humidity, i.e. particularly on balconies to be left exposed without covered with any other coating material; flat and inclined terrace roofs; top of parking lots; swimming pools; building foundations and shear walls; waste water treatment plants as water insulation material, at the junctions of brick wall and concrete. It is suitable to use on horizontal and vertical surfaces indoor and outdoor.

### Certificates



### Consumption

Please see "Table 3- Consumption Rates for "Water Isolation". (Page 51)

15 kg Powder  
+  
15,5 kg Liquid (set)

Grey, White



### Megaizo Lastik 5 S202

Elastomeric resin based, ready to use, elastic waterproofing material

Elastomeric resin based, ready to use, elastic water proofing material, which can be applied prior to the top coating material in indoors and outdoors spaces.

### Areas Of Use



It is applied as a waterproofing membrane prior to coating materials like ceramic tiles on wet surfaces like bathrooms and kitchens, balconies and terraces, and inclined roofs covered with concrete, plaster and cement boards.

### Certificates



### Consumption

Recommended consumption amount for 1 mm film thickness; 1.2-2.0 kg/m<sup>2</sup>.

20 kg  
5 kg

White



### Megaizo Lastik 6 S203

Elastomeric resin based, UV resistant, single component, super elastic waterproofing material

Elastomeric resin based, UV resistant, single component, super elastic and ready to use waterproofing material, which can be applied prior to or as top coating material.

### Areas Of Use



It is used as a waterproofing material for all structures, especially for flat and inclined terrace roofs, which are intended not to be coated with another coating material, and for the waterproofing of the exterior facades of buildings. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.

### Certificates



### Consumption

Recommended consumption amount for 2 mm film thickness; 2.8-3.2 kg/m<sup>2</sup>

20 kg  
5 kg

White



### Megaizo Kristalize S106

Cement based, crystallized waterproofing mortar resistant to negative and positive water pressure

Cement based single component waterproofing mortar, which is resistant to positive and negative water pressure and which penetrates into capillary gaps for waterproofing purposes.

Suitable for Water Reservoirs

### Areas Of Use



It is used for negative and positive waterproofing of sound concrete surfaces in independent swimming pools, sewage and waste water treatment plants, basements, water tanks, elevator shafts, warehouses and parking garages. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.

### Certificates



### Consumption

Recommended consumption amount for double coat application 3.0 - 4.0 kg/m<sup>2</sup>. The recommended consumption amount varies, depending on the size of the application surface.

25 kg



### Megaizo K S301

Polymer modified, bitumen emulsion based, single component, high elastic waterproofing material

Polymer modified, bitumen emulsion based, single component, solvent-free waterproofing material, which forms an elastic membrane when it dries.

### Areas Of Use



It is used in the vertical and horizontal concrete surfaces of indoors and outdoors spaces, in and below the foundations, for the waterproofing of such underground spaces as cellars, basements and closed parking garages, and for the waterproofing against water seepage in such wet spaces as bathrooms, kitchens and balconies.

### Certificates



### Consumption

Please see "Table 3- Consumption Rates for "Water Isolation". (Page 51)

25 kg



### Megaizo 2K S302

Polymer modified, bitumen emulsion based, double compound, high elastic waterproofing material

Polymer modified, bitumen emulsion based, double component, solvent-free waterproofing material, which forms an elastic membrane when it dries.

### Areas Of Use



It is used in the vertical and horizontal concrete surfaces of indoors and outdoors spaces, in and below the foundations, for the waterproofing of such underground spaces as cellars, basements and closed parking garages, and for the waterproofing against water seepage in such wet spaces as bathrooms, kitchens and balconies.

### Certificates



### Consumption

Please see "Table 3-Consumption Rates for "Water Isolation". (Page 51)

24 kg  
(18 kg Liquid  
+  
6 kg Powder)



### Megaizo 2K S303

Polymer modified, bitumen emulsion based, mineral filled, double compound, elastic waterproofing material

Polymer modified, bitumen emulsion based, double component, solvent-free waterproofing material, which forms an elastic membrane when it dries.

### Areas Of Use



It is used in the vertical and horizontal concrete surfaces of indoors and outdoors spaces, in and below the foundations, for the waterproofing of such underground spaces as cellars, basements and closed parking garages, and for the waterproofing against water seepage in such wet spaces as bathrooms, kitchens and balconies.

### Certificates



### Consumption

Please see "Table 3-Consumption Rates for "Water Isolation". (Page 51)

24 kg  
(18 kg Liquid  
+  
6 kg Powder)



### Megaizo PU 7 S401

Polyurethane based, ready to use, elastic waterproofing material

Polyurethane based, lasting, elastic and ready to use waterproofing material with high water vapor permeability, which can be applied prior to the top coating material.

### Areas Of Use



It is applied for waterproofing before the top coating material in such wet spaces as bathrooms, kitchens and balconies, in terraces, in such surfaces that are constantly in contact with water, concrete shear surfaces, on tops of parking garages, on such surfaces that are not exposed to direct sunlight. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.

### Certificates



### Consumption

Recommended consumption amount for 2 mm film thickness;  
2.5–3.0 kg/m<sup>2</sup>.

25 kg  
Grey



### Megaizo PU 10 S402

Polyurethane based, double component waterproofing material fit for potable water tanks

Polyurethane based, durable, solvent-free, elastic waterproofing material fit for potable water tanks.

### Areas Of Use



It is applied for waterproofing before the top coating material in such wet spaces as bathrooms, kitchens and balconies, in terraces, and in such surfaces as pools and water tanks that are constantly in contact with water. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.

### Certificates



### Consumption

Recommended consumption amount for 2 mm film thickness;  
2.5–3.0 kg/m<sup>2</sup>.

6 kg  
+  
1 kg  
(set)

White, Transparent



### Megaizo PU 15 S403

Polyurethane based, UV resistant, ready to use, high elasticity waterproofing material.

Polyurethane based, lasting, UV resistant, high elasticity and ready-to-use waterproofing material with high water vapor permeability, which can be applied prior to or as top coating material.

### Areas Of Use



It is used as waterproofing material in wet areas such as bathrooms, kitchens and balconies, in terraces, curtain walls, carparks, concrete structures like bridges and tunnels, on metal surfaces and it is used to protect polyurethane foam insulation. It is used both horizontal and vertical surfaces both indoors and outdoors

### Certificates



### Consumption

Recommended consumption amount for 2 mm film thickness;  
2.5–3.0 kg/m<sup>2</sup>.

25 kg  
White



**Megaizo PU 6 S404****Areas Of Use****Certificates****Consumption**

Bitumen modified, double component, super elastic waterproofing material

Bitumen modified, rapidly curing, permanently elastic polyurethane waterproofing material, which can be applied prior to the finishing coating material, and is applied for lasting waterproofing of foundation and retaining walls of buildings.

It is suitable for use in the foundations and retaining walls of buildings, in concrete structures, below ceramic tile coatings in bathrooms, terraces and roofs, in asphalt and bitumen sheets, EPDM membranes etc. and also as joint filling for the gaps of horizontal and vertical joints and control joints. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.



Recommended consumption amount for 2 mm film thickness; 1.8-2.2 kg/m<sup>2</sup>.

20 kg + 20 kg (set)

Black

**Megaizo PU Mastik LM S491****Areas Of Use****Certificates****Consumption**

Polyurethane based, single component, low module joint sealant

Highly elastic, low module polyurethane joint sealant for construction joints.

It is used to fill the expansion joints of buildings and heavy structures for sealing and permanent elasticity purposes. It is used, particularly, for the joint spots of precast elements, roofs, rainwater gutters, the joint spots and seams of rainwater drainage pipes, antenna and chimney flashings to prevent leakage. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.



Please see "Table 3- Consumption Rates for "Water Isolation". (Page 51)

600 ml sausage shaped packages (20 Sausage Shaped Packages/Box).

**Megaizo PU Mastik HM S492****Areas Of Use****Certificates****Consumption**

Polyurethane based, single component, high module joint sealant

Highly elastic, high module polyurethane joint sealant for construction joints.

It is used for preventing leakage in the expansion and dilatation joints on floors, particularly in such spaces that are characterized by pedestrian and vehicle traffic (eg. parking garages and pavements/ side walks), for the filling of the joints of such structures as bridge piers, dams, tunnels and concrete roads, in the cracks and gaps of reinforced concrete water reservoirs, seams of irrigation canals, roofs, rainwater gutters and the joints and seams of rainwater drainage pipes and antenna and chimney flashings. The product is also used for the filling of construction joints in warehouses and production spaces and such industrial floors, where such industrial operations as food and pharmaceutical production are carried out. The product adheres to such surfaces as ceramic tile, concrete, plaster, rock, marble, wooden, aluminum, metal plate, brick and enameled surfaces. It is also used for the assemblage of aluminum, wooden and PVC joinery. The product is also fit for use for filling and sealing the gaps amongst the blocks and details, which emerge in buildings for structural or decorative purposes, in balconies and terraces and wall flooring joint spots. It is suitable for use on indoors and outdoors horizontal and vertical surfaces.



Please see "Table 3- Consumption Rates for "Water Isolation". (Page 51)

600 ml sausage shaped packages (20 Sausage Shaped Packages/Box).

**Megaizo Stoper S107****Areas Of Use****Certificates****Consumption**

Cement based, instantly setting water plugging mortar

Cement based, instantly setting plugging mortar used to plug water leakage.

It is used to stop the pressure or seepage water that leaks through the holes or deep cracks on the shear walls on the foundations, basements, retaining walls, elevator shafts, pools, reinforced concrete water reservoirs and concrete pipes. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.



1 liter of volume can be filled with some 1.5 kg product.

5 kg

Grey

**Megaizo Bant S901****Areas Of Use****Consumption**

Thermoplastic elastomer based insulation tape with two types of felt reinforcement and mesh reinforcement.

It is the felt reinforced / mesh reinforced, thermoplastic elastomer based insulation tape that can be applied on the joints and corner joints in the structures. It can be used in active joints and Wall and floor joints.

It provides impermeability in wet areas such as bathrooms, toilets, balconies, terraces, in joints of wall and wall coatings, in constantly wet areas such as pools and water tanks and in weak areas such as pipe-to-surface joints and roof joints. It is available for use indoors and outdoors in horizontal and vertical surfaces.

The consumption amount is to be determined with respect to the characteristics of the application space and the length needed.

Tape Width 7 cm, Total Width 12 cm.

**Megaizo Bant S901;**

50 m / Roll  
10 m / Roll, (New Product)

**Megaizo Bant KT S910**

Thermoplastic elastomer based insulation tape with two types of felt reinforcement and mesh reinforcement.

It is the felt reinforced / mesh reinforced, thermoplastic elastomer based insulation tape that can be applied on the joints and corner joints in the structures. It can be used in active joints and Wall and floor joints.

**Areas Of Use**

It provides impermeability in wet areas such as bathrooms, toilets, balconies, terraces, in joints of wall and wall coatings, in constantly wet areas such as pools and water tanks and in weak areas such as pipe-to-surface joints and roof joints. It is available for use indoors and outdoors in horizontal and vertical surfaces.

**Consumption**

The consumption amount is to be determined with respect to the characteristics of the application space and the length needed.

Tape Width 7 cm, Total Width 12 cm.

**Megaizo Bant KT S910 ;**

50 m / roll

**Megaizo Bant DL S908**

Thermoplastic elastomer based dilatation waterproofing tapes

It is a thermoplastic elastomer based dilatation tape with high elasticity which is used for water insulation of expansion joints and the areas of the structure that are exposed to movement.

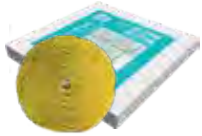
**Areas Of Use**

It is used for ensuring movement of the structure independent of each other and keeping vibrations regional in areas such as bases, partitions, expansion joints, pools, balconies, parapets, roof joints, potable and wastewater tanks, where there is high expansions and movement. It is suitable for used at interior and exterior horizontal and vertical surfaces.

**Consumption**

Amount of consumption is determined depending on the characteristics of the application area and quantities needed.

25 m / Roll

**Megaizo Bant SB S909**

Sodium bentonite and butyl rubber based water retaining tape

Sodium bentonite and butyl rubber based water retaining tape that fills in the capillary and larger gaps in the joints of the concrete structures to prevent water permeability by means of high volume expansion upon contact with water.

**Areas Of Use**

It is suitable for use on foundation and partition concrete, joints of pools, water tanks, sewers, tunnels, precast concrete, new-old concrete joints, and manholes.

**Consumption**

Consumption is determined on the basis of the specifications of the place of application and the length use required.

15 m in cardboard boxes.

**Megaizo Bant PVC S911**

Polyvinylchloride (PVC) based waterproofing tape for sealing construction joints

The product is a polyvinylchloride (PVC) based waterproofing tape used in non-structural construction joints (cold joints). Used in foundation, slab, retaining wall joints.

**Areas Of Use**

It is used to provide water impermeability in structures with high movement such as bridges, viaducts, underground constructions, water channels, water treatment plants, swimming pools, retaining walls, floor slabs and foundations that are constantly exposed to water. It prevents deformations that may occur in structures exposed to horizontal or vertical movements. The product is suitable for indoor and outdoor use on horizontal and vertical surfaces.

**Consumption**

Amount of consumption is determined depending on the characteristics of the application area and quantities needed.

20 m / Roll

**Megaizo File S902**

Reinforcement and glass-fiber mesh for waterproofing applications

Textile glass-fiber mesh, weighing  $75 \pm 5$  gr/m<sup>2</sup>, used along with waterproofing products in order to minimize the cracks, which may emerge due to tensile stress.

**Areas Of Use**

It is laid between the coats of the cement, acrylic and bitumen based waterproofing materials.

**Consumption**

50 m<sup>2</sup> Roll

100 m<sup>2</sup> Roll

Note: The values may vary, depending on the surface and ambient conditions.




# WATER PROOFING MATERIALS-PRODUCT SUGGESTION TABLE

	Products	Megalzo Lastik 7 S102	Megalzo Lastik 10 S103	Megalzo Lastik 11 S104	Megalzo Lastik 15 S105	Megalzo Lastik 3 S903	Megalzo S201	Megalzo Lastik 5 S202	Megalzo Lastik 6 S203	Megalzo Kristalize S106	Megalzo K S301	Megalzo 2K S302	Megalzo 2K S303	Megalzo PU 7 S401	Megalzo PU 10 S402	Megalzo PU 15 S403	Megalzo PU 6 S404	Megalzo PU Mastik LM S491	Megalzo PU Mastik HM S492	Megalzo Sloper S107	Megalzo Bant S901	Megalzo Bant KT S910	Megalzo Bant DL S908	Megalzo Bant SB - S909	Megalzo Bant PVC S911	Megalzo File S902
WATER BODIES	Drinking Water Tank		✓							✓					✓						✓	✓	✓	✓	✓	
	Water Tank		✓		✓		✓		✓	✓				✓	✓	✓					✓	✓	✓	✓	✓	
	Decorative Pool		✓	✓	✓		✓		✓					✓	✓	✓					✓	✓	✓	✓	✓	
	Swimming Pool		✓	✓	✓		✓		✓					✓	✓	✓					✓	✓	✓	✓	✓	
	Waste Water Treatment Plants						✓								✓**						✓	✓	✓	✓	✓	
	Treatment Plants													✓	✓	✓					✓	✓	✓	✓	✓	
	Water Conduits														✓		✓				✓	✓	✓	✓	✓	
	Artificial Pond																				✓	✓	✓	✓	✓	
	Joints of Irrigation Channels																	✓			✓	✓	✓	✓	✓	
DIFFERENT APPLICATION AREAS	Positive and Negative Insulation									✓																
	UV-Resistance				✓	✓	✓		✓							✓		✓	✓							
	Crack-Bridging	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓							
	Top Paintable				✓	✓			✓					✓		✓		✓	✓							
	Active Water Leakage Sealing																			✓						
	Light Roof Traffic				✓		✓		✓						✓	✓			✓							
	Terrace Roof to be Coated		✓	✓	✓		✓		✓					✓	✓	✓	✓				✓	✓	✓	✓		
	Terrace Roof Not to be Coated				✓		✓		✓						✓						✓	✓	✓	✓		
	Inclined Roof (>20%)						✓		✓						✓						✓	✓	✓	✓		
	Bathroom and Kitchen	✓	✓		✓		✓	✓	✓					✓	✓	✓		✓	✓		✓	✓	✓	✓		
	Balcony		✓	✓	✓	✓	✓	✓	✓					✓	✓	✓		✓	✓		✓	✓	✓	✓		
	Foundation						✓				✓	✓	✓				✓						✓	✓	✓	
	Floors Heavily Damp and Wet			✓			✓																		✓	
	Curtain Concrete Wall Remaining Underground - Interior Surface and Floor									✓													✓	✓	✓	
	Curtain Concrete Wall Remaining Underground - Exterior Surface						✓				✓	✓	✓				✓						✓	✓	✓	
	Elevator Pits									✓														✓		
	Application of Cement, Acrylic and Bitumen-based Water Insulating Agents-Interstory																								✓	
	Edge-Corner Joining Parts																	✓	✓		✓	✓		✓	✓	
	On the Cold Joints of Old and New Concrete																							✓	✓	
	in the production of gradually poured curtains and foundations																							✓	✓	
	Expansion and Dilatation Joints, Structural Element Joining Points, Chamfering																	✓	✓				✓		✓	
APPLICATION SURFACES	Ceramic	✓*	✓*		✓*	✓		✓*	✓					✓*	✓*	✓*		✓	✓		✓	✓				
	Surface Coated with Natural Stone	✓*	✓*		✓*	✓		✓*	✓					✓*	✓*	✓*		✓	✓		✓	✓				
	Concrete Surface	✓*	✓*	✓	✓*	✓	✓	✓*	✓*	✓	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓	✓	✓	✓	✓	✓	
	Exposed Concrete	✓*	✓*	✓	✓*	✓		✓*	✓*	✓	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓	✓	✓	✓	✓	✓	
	Cement-based Plaster	✓*	✓*	✓	✓*	✓	✓	✓*	✓*	✓	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓	✓	✓	✓	✓		
	Cement-based Screed	✓*	✓*	✓	✓*	✓	✓	✓*	✓*	✓	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓	✓	✓	✓	✓		
	Wood Surface						✓		✓		✓	✓	✓	✓*	✓*	✓*	✓*	✓	✓		✓	✓	✓			
	Old Bitumen Surface						✓		✓		✓	✓	✓				✓				✓	✓				
	Aluminium Surface						✓		✓					✓*	✓*	✓*		✓	✓		✓	✓				

✓\* : Applied with primer according to the surface character

✓\*\* : Has high resistance against acidic and basic solutions (10%), detergents, sea water, oils and lubricants.

Refer to our technical support hotline. (PHONE: +90 444 4 595)



WATER  
INSULATION  
IS INTEGRAL  
FROM  
FOUNDATION  
TO ROOF



# PROFESSIONAL SOLUTIONS FOR WATER PROOFING APPLICATION



Addhesive Solutions



Waterproofing Solutions



Thermal Insulation Solutions



Flooring Solutions



Repairing Solutions



Technical Solutions



# REPAIR MORTARS



### MegaTampir İ T101

Cement based, polymer modified repair and leveling mortar with thin filling

Cement based, polymer modified, highly adhesive, non-structural smoothing and repair mortar reinforced with special filling materials.

### Areas Of Use



It is used as concrete repair mortar on the floors, walls and ceilings of any buildings, indoors and outdoors. It is also used for the repairing of surfaces prior to granite and ceramic applications.

#### Application Thickness:

Minimum 2 mm - Maximum 10 mm (first layer)

### Certificates



### Consumption

Recommended consumption amount for application in roughly 2 mm thickness on 1 m<sup>2</sup> surface is 3.4 – 3.8 kg.

25 kg



### MegaTampir K T102

Cement based, polymer modified repair and leveling mortar with thick filling

Cement based, polymer modified, highly adhesive, non-structural smoothing and repair mortar reinforced with special filling materials, which is resistant to temperature changes.

### Areas Of Use



It is used as concrete repair mortar on the floors, walls and ceilings of any buildings, indoors and outdoors. It is also used for the repairing of surfaces prior to granite and ceramic applications.

#### Application Thickness:

Minimum 2 mm - Maximum 15 mm (first layer)

### Certificates



### Consumption

Recommended consumption amount for application in roughly 2 mm thickness on 1 m<sup>2</sup> surface is 3.50 – 3.90 kg.

25 kg



### MegaTampir İ Yapısal T103

Cement based structural repair mortar with thin filling

Cement based structural repair mortar with polymer and fiber additive and with fine aggregate, which is resistant to temperature changes.

### Areas Of Use



It is used for chamfering, repairs and surface adjustments before waterproofing or final coating, and for the repairs on concrete and reinforcements damaged by the corrosion, alongside **MegaTampir T106**.

It provides excellent results especially with chamfering and filling the rod and core sampling gaps.

#### Application Thickness:

Minimum 2 mm- Maximum 30 mm (first layer)

### Certificates



### Consumption

Recommended consumption amount for application in roughly 2 mm thickness on 1 m<sup>2</sup> surface is 4.0 – 4.4 kg.

25 kg



### MegaTampir K Yapısal T104

Cement based structural repair mortar with thick filling

Cement based structural repair mortar with polymer and fiber additive and with thick aggregate, which is resistant to temperature changes.

### Areas Of Use



It is used along with **MegaTampir T106** in indoors and outdoors spaces, especially on underground, ground and underwater floors of all buildings, which are required to be sulfate and chlorine resistant, for waterproofing and beveling prior to final coating, for repair, for surface smoothing, and for the repair of the concrete and appurtenances, which may have been damaged due to abrasion by iron reinforcements. Especially yields excellent results particularly in the case of beveling applications and the filling of rod clearances and drilling core gaps.

#### Application Thickness:

Minimum 2 mm- Maximum 40 mm (first layer)

### Certificates



### Consumption

Recommended consumption amount for application in roughly 2 mm thickness on 1 m<sup>2</sup> surface is 4.0 – 4.4 kg.

25 kg



### MegaTampir T108

Cement based, high strength structural repair mortar.

Cement based, high strength, polymer and fiber added structural repair mortar, which is resistant to sulfate and chlorine attacks and resistant to temperature changes.

### Areas Of Use



Toprak altında kalan betonarme yapıların onarılmasında, tij deliklerinin doldurulmasında, yüksek dayanımlı beton elemanlarının yüzey bozukluklarının tamirinde kullanılır. İç ve dış mekânlarda, yatay ve düşey yüzeylerde kullanıma uygundur.

#### Application Thickness:

Minimum 5 mm- Maximum 50 mm (first layer)

### Certificates



### Consumption

Recommended consumption amount for application in roughly 2 mm thickness on 1 m<sup>2</sup> surface is 3.9-4.3 kg.

25 kg





### MegaTamir Grout T105

Cement based, highly resistant fluid grout mortar

Cement based, highly resistant fluid structural grout mortar, which does not cause contraction.

It can be used for steel and prefabricated structures, for the foundations of machines and cranes, foundation sockets, curtain walls, column headings, and for the assemblage to the foundation of steel columns. It is also used for the filling of any gaps, holes and pores for the purpose of the assemblage of railway bearings, precast structural columns, concrete anchorages, structural bearing plates, gas and steam turbines, power generators, compressors, press machines and lathe workbenches and drilling machines. It is suitable for use on horizontal surfaces in indoors and outdoors spaces.

#### Application Thickness:

Minimum 10 mm - Maximum 50 mm (first layer)

### Areas Of Use



### Certificates



### Consumption

Recommended consumption amount for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface is 2.0 - 2.5 kg.

25 kg



HIZLI PRİZ ALMA

### MegaTamir T107

Cement-based, quick-setting and fluid grout having high resistance

Cement-based, non-shrink and fluid grout which gains resistance quickly and is self-propagating.

It is suitable to use for slab on grade, construction of railways, elevation of manholes, structures of subway, dam and motorways, repair of runways for aircrafts and helicopters, under the industrial machine bearings, joining of prefabricated components machine and Crane assembly bases, and for fixing the steel columns on the foundations. It is also appropriate for use on horizontal surfaces indoors and outdoors.

#### Application Thickness:

Minimum 10 mm- Maximum 70 mm (first layer)

### Areas Of Use



### Certificates



### Consumption

Recommended consumption amount for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface is 2.10 kg.

25 kg



### MegaTamir T106

Cement based, primer and coating material used as adherence mortar to prevent reinforcement corrosion

Cement based, polymer added, single component, primer and coating material used as adherence mortar to prevent reinforcement corrosion

It is used as the anticorrosion primer for iron and steel reinforcement, and also it is used as adherence enhancing primer and coating material on cement based surfaces.

### Areas Of Use



### Certificates



### Consumption

Recommended consumption amount for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface is 2.0 kg/m<sup>2</sup>.

20 kg



### MegaTamir T201

Acrylic emulsion based, ready for use surface correction and repair paste

Acrylic emulsion based, high quality, long lasting, flexible, swelling and dustproof, ready to use surface correction and repair paste.

It is for usage on interior and exterior surfaces of any kind of constructions with cement based plaster, concrete, fibro-cement sheets and on heat insulation systems in order to obtain a smooth surface prior to painting and for repairing cracks in the plaster. It is suitable for use on vertical surfaces of indoors and outdoors spaces.

### Areas Of Use



### Certificates



### Consumption

Recommended consumption amount for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface is 1.75 ± 0.2 kg/m<sup>2</sup>.

25 kg



### MegaTamir Epo T501

Epoxy based adhesive and repair mortar

A double component, solvent free filling, repair, grading and adhesive mortar with epoxy bonding and reduced slippage, which is resistant to water and chemical environments.

It is used for the filling and grading of holes and gaps on concrete and metal surfaces, as anchor mortar for inserting iron ores, for the repair of cracks and fractures, for the protection of bonding of concrete to metal and metal to metal by filling the remaining gaps against corrosion, and as adhesive for the adhesion of numerous construction materials. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.

### Areas Of Use



### Certificates



### Consumption

Recommended consumption amount for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface is 1.5 - 2.0 kg.

4,5 kg + 1,5 kg (set)

## MegaTamir Epo Grout T502

## Areas Of Use



## Certificates

## Consumption

Epoxy based, two component, high performance assemblage and grout mortar

Two component, solvent free assemblage and grout mortar of fluid nature with epoxy bonding, which is resistant to mechanical effects, chemical effects and vibration.

It is used on lead-bearing surfaces, the foundations of machines, for the assemblage of machines and the assemblage of column headings, compressors, high speed turbines and crane rails, as coating, repair, filling and horizontal crack repair material resistant to dynamic loads, friction and impact in warehouses and loading spaces, on industrial floors, airport runways and aprons and on bridge pads. It is suitable for use on horizontal surfaces in indoors and outdoors spaces.



Recommended consumption amount for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface is 1.90 - 2.10 kg.

12.75 kg + 2.25 kg (set)

## MegaTamir T503

## Areas Of Use



## Certificates

## Consumption

Epoxy resin based adhesion and repair agent.

Two-component, solvent free and epoxy resin based adhesion and repair agent.

It provides adhesion of the existing concrete with the new concrete. It is used for adhesion of concrete, stone, metal, wood, mortar, brick, prefabricated concrete, epoxy and CTP parts among themselves and with each other. It is used for adhesion of metal profiles with concrete and among themselves. It is used for repair of non structural concrete. It is suitable for use on horizontal and vertical surfaces of indoors and outdoors spaces.



Recommended consumption amount for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface is 1.4 kg.

2.50 kg + 1.25 kg (set)

## MegaTamir T901

## Areas Of Use



## Certificates

## Consumption

A polyester based, fast setting anchoring material

It is a polyester based, double-component, fast setting anchorage and mounting material with high chemical resistance.

It is used for the processes of adding ironstone on concrete, fixing balcony railings and stair railings, anchoring bolts, dowels and metric rods, for reinforcement works as well as anchorage and mounting applications exposed to lightweight load. It is suitable for use on horizontal and vertical surfaces both indoors and outdoors.



Please see "Table-4 Consumption Rates for Repair Mortars". (Page 52)

300 ml Cartridge  
12 pieces/package

Chemical Dowel



FAST SETTING

Note: The values may vary, depending on the surface and ambient conditions.

## REPAIR MORTARS - RECOMMENDED PRODUCTS TABLE

		Products													
		Mega Tamir T101	Mega Tamir K T102	Mega Tamir Yapisal T103	Mega Tamir K Yapisal T104	Mega Tamir T108	Mega Tamir Grout T105	Mega Tamir T107	Mega Tamir T106	Mega Tamir T201	Mega Tamir Epo T501	Mega Tamir Epo Grout T502	Mega Tamir T503	Mega Tamir T901	Mega Tamir T902
AREA OF USE	Interior and Exterior Flooring	√	√	√	√	√	√	√	√		√	√	√	√	√
	Interior and Exterior Wall	√	√	√	√	√			√	√	√		√	√	√
	Ceiling	√	√	√	√				√	√	√			√	√
DIFFERENT APPLICATION AREAS	Repairs of Bearing Column, Beam and Curtain Wall			√	√	√	√**	√**	√		√	√**	√	√	√
	Repairs of Floor Plate			√	√	√	√	√			√	√	√		
	Structural Reinforcement Works, Anchor Bolt Embedment			√	√	√	√	√			√	√	√	√	√
	Non-Structural Anchorage and Fastenings						√	√				√	√	√	√
	Repair of Non-Structural Concrete Breaks						√	√				√	√	√	√
	Filling T-Rod Holes and Boreholes	√	√	√	√	√	√	√		√	√	√	√		
	Chamfering						√	√			√	√		√	
	Formation of Machinery and Crane Foundations			√	√	√					√				
	Corroded/Potential Corrosion Reinforcement	√	√	√	√	√					√				
	Formation of Precast Building Columns						√	√				√			
	Corroded/Potential Corrosion Appurtenances								√						
	Manufacturing of Curtain and Column Headers						√	√				√			
	Montage of Precast Building Columns						√	√				√			
TYPES OF SURFACES	Concrete Surface	√	√	√	√	√	√	√		√	√	√	√	√	√
	Plastered Surface	√*	√*	√*	√*	√*	√*	√*		√	√	√	√		
	Works on Tiles, Marble and Mozaic	√*	√*	√*	√*	√*	√*	√*		√*	√*	√*	√		
	Metal Surface								√		√*	√*	√		
	Surface Coated with Natural Stone	√*	√*	√*	√*	√*	√*	√*		√*	√	√	√		
	Autoclaved Aerated Concrete Surface	√*	√*	√*	√*	√*	√*	√*		√*	√	√	√	√	√
	Stone Wall	√*	√*	√*	√*	√*	√*	√*		√*	√	√	√	√	√
	Surface Coated with Clay Brick	√*	√*	√*	√*	√*	√*	√*		√*	√	√	√		

√\* : Primer applied according to the surface characteristics.

√\*\* : It is used in filling the reserve cavities and in molded productions.

Refer to our technical support hotline. (PHONE: +90 444 4 595)



# FLOORING MATERIALS



### MegaZemin Z101

Self levelling grader trowel coating

Cement based, easily spread surface grader trowel coating, which enhances floor strength and contains special additives.

### Areas Of Use



It is applied on areas with pedestrian traffic, on cement-based surfaces and concrete surfaces, in underfloor heating systems, prior to laying the floor covering (ceramic tiles, PVC, carpet, parquet etc.) in order to obtain an even and homogeneous high quality floor covering. In the indoor, it is applied on horizontal surfaces for the levelling of irregularities of 3 - 10 mm. It can also be used for levelling surface irregularities up between 10 and 30mm by adding dry unit.

### Certificates



### Consumption

Recommended consumption amount for application in roughly 1 cm thickness on 1 m<sup>2</sup> surface is 19 - 21 kg.

25 kg

Grey



### MegaZemin Z102

Self-levelling grader trowel coating.

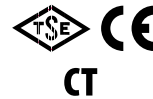
Cement-based surface treatment grout which spread easily, increasing strength of floor and containing special additives.

### Areas Of Use



It is used to achieve a smooth, homogenous and highly quality surface before the flooring materials (tiles, PVC, carpet, parquet, etc.) are laid on the cement-based surfaces and concrete surfaces indoors exposed to foot traffic. It is suitable for levelling damaged surfaces (horizontal indoor surfaces) ranged between 1-5 mm.

### Certificates



### Consumption

Recommended consumption amount for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface is 2.0 - 2.1 kg.

25 kg

Grey



### MegaZemin BYS Z121

Surface hardening mortar for concrete floors

Cement and mineral based, inherently colorful, ready to use surface hardening material with quartz content, which is applied in powder form on fresh concrete.

### Areas Of Use



It is used for any and all such spaces as warehouses, factories, restaurants and shopping malls, which require high abrasion resistance and where dusting should be prevented. It is suitable for use on horizontal surfaces in indoors and outdoors spaces.

### Certificates



### Consumption

Recommended consumption amount for application on 1 m<sup>2</sup> surface is 4.0 - 6.0 kg.

25 kg

Grey,  
Red,  
Green



### MegaZemin Kür Z201

Curing agent for fresh concrete and surface hardeners

The product is a polymer emulsion based single component curing agent, which is applied on fresh concrete, retains the water within the concrete by means of the film layer it forms and enables the resistance to be enhanced, soundly, prevents fast drying and so prevents contraction cracks.

### Areas Of Use



It is applied to ensure fresh concrete, trowel coating and surface hardeners to be cured, ideally. The product is applied in indoors and outdoors spaces in order to prevent the fast evaporation of the mixing water, the formation of contraction cracks on the surface and the dusting through the enhancement of the abrasion resistance.

### Certificates



### Consumption

Recommended consumption amount for application on 1 m<sup>2</sup> surface is 0.15 - 0.25 kg.

150 kg

25 kg

White, transparent  
after drying



### MegaZemin Z501

Floor coating that is self-leveling with epoxy resin-based, two-component and resistant to chemical and mechanical effects

It is floor coating material that can be used as an intermediate coat and topcoat in the final layer or multi-layer applications and that is self-leveling, aesthetic, decorative, solvent-free, with low viscosity, two-component, resistant to mechanical and chemical effects, and that can obtain non-skid surface by sand sprinkling material.

### Areas Of Use



It is used in spaces exposed to moderate to severe mechanical influences such as multi-storey and underground car parks, storage areas, maintenance hangars; in places where chemical resistance is desired such as laboratories and also in places where aesthetics, easy maintenance and cleaning is important such as shopping malls, exhibitions and fairs and that is not exposed to sunlight. It is used indoors, on horizontal surfaces.

### Certificates














### Consumption

Please see "Table 5- Consumption Rates for "Flooring Material". (Page 52-53)

20.4 kg + 4.6 kg  
(set)

RAL swatch card  
colors and special  
colors

 <p><b>MegaZemin Z502</b></p> <p>Floor coating that is self-leveling with epoxy resin-based, two-component and resistant to chemical and mechanical effects.</p> <p>Two-component, solvent-free top coat material that is used as a top coat in epoxy floor systems, having a textural appearance and increased slip resistance which is decorative and resistant to mechanical and chemical effects.</p>	<p><b>Areas Of Use</b> </p> <p>It is used in spaces exposed to moderate to severe mechanical influences such as multi-storey and underground car parks, storage areas, maintenance hangars; in places where chemical resistance is desired such as laboratories and non-slip is required in pedestrian walking areas, easy maintenance and cleaning is important and that is not exposed to sunlight. It is used indoors, on horizontal surfaces.</p>	<p><b>Certificates</b></p> <p></p>	<p><b>Consumption</b></p> <p>Please see "Table 5- Consumption Rates for "Flooring Material". (Page 52-53 )</p> <p>21.4 kg + 3.6 kg (set)</p> <p>RAL swatch card colors and special colors</p>
 <p><b>MegaZemin Z503</b></p> <p>Epoxy Based and Gloss Topcoat Covering Material Suitable For Use On Horizontal and Vertical Surfaces</p> <p>Two component, solvent free, epoxy based, gloss, could be used as marker paint over industrial coating layer, because of its non-drip property it could be used as final coating layer for walls.</p>	<p><b>Areas Of Use</b> </p> <p>It is suitable for use in the places exposed to medium-heavy mechanical effects such as multi-story car park and underground car park, maintenance hangars; places where resistance to chemicals is required such as chemical manufacturing facilities and laboratories; places where aesthetics, easy maintenance and cleaning are expected such as shopping centres, fair and exhibition areas; places where hygiene and visual integrity are desired such as schools, hospitals and food facilities. It is used indoor area, horizontal and vertical surfaces not exposed to sunlight.</p>	<p><b>Certificates</b></p> <p></p>	<p><b>Consumption</b></p> <p>Recommended consumption for a thickness of 200µm is 300±30 g/m<sup>2</sup>. This value may vary depending on the surface and ambient conditions.</p> <p>25.6 kg + 4.4 kg (set)</p> <p>RAL swatch card colors and special colors</p>
 <p><b>MegaZemin Z901</b></p> <p>Transparent, anti-dusting, thickening and liquid surface hardening material for concrete</p> <p>It is a transparent, low viscosity, solvent free, sodium silicate based, thickener and surface hardening material that penetrates into completely dried concrete and cement based floors.</p>	<p><b>Areas Of Use</b> </p> <p>It is used in all places such as storage areas, production facilities, airplane hangars, outdoor-indoor car parks, industrial floors, wharfs and stores that require wear resistance and anti-dusting properties. It is suitable for use on horizontal surfaces in indoor and outdoor areas.</p>	<p><b>Certificates</b></p> <p></p>	<p><b>Consumption</b></p> <p>Recommended consumption amount is 0.15 - 0.25 lt/m<sup>2</sup> for a single layer application.</p> <p>30 kg</p> <p>Transparent</p>
 <p><b>MegaZemin Z902</b></p> <p>Transparent, anti-dusting, polishing, thickening and liquid surface hardening material for concrete</p> <p>It is a transparent, low viscosity, solvent free, lithium silicate based, polishing, thickener and surface hardening material that penetrates into completely dried concrete and cement based floors.</p>	<p><b>Areas Of Use</b> </p> <p>It is used in all places such as storage areas, production facilities, cold storages, airplane hangars, outdoor-indoor car parks, industrial floors, wharfs and stores that require wear resistance and anti-dusting properties. It is suitable for use on horizontal surfaces in indoor and outdoor areas.</p>	<p><b>Certificates</b></p> <p></p>	<p><b>Consumption</b></p> <p>Recommended consumption amount is 0.08 - 0.10 lt/m<sup>2</sup> for a single layer application.</p> <p>30 kg</p> <p>Transparent</p>

Note: The values may vary, depending on the surface and ambient conditions.

FLOORING MATERIALS - RECOMMENDED PRODUCTS TABLE										
		Products								
		MegaZemin Z101	MegaZemin Z102	MegaZemin BYS Z121	MegaZemin Kür Z201	MegaZemin Z501	MegaZemin Z502	MegaZemin Z503	MegaZemin Z901	MegaZemin Z902
AREA OF USE	Interior Floor	√	√	√	√	√	√	√**	√	√
	Exterior Floor			√	√				√	√
	Interior Wall							√*		
DIFFERENT AREAS OF APPLICATION	Areas with Light to Medium Foot Traffic	√	√	√	√	√	√	√**	√	√
	Areas with Heavy Vehicles and Foot Traffic					√	√	√**	√	√
	For Levelling Surface Irregularities in the range of 3 - 10 mm. By adding dry aggregate, it may also be used for surface irregularities in the range of 10 - 30 mm.	√								
	Defect Gradings Between 1 - 5 mm		√							
	Floor Heating Systems	√								
	Areas Which Requires Abrasion Resistance (Warehouse, Plant, Restaurant)			√	√	√	√	√**	√	√
	Areas Required High Chemical Resistance					√	√		√	√
	Areas Required Dust Free Surface (Factory, Warehouse)				√	√	√	√**	√	√
	Areas Required Non-Slip						√	√**		
	Canal and Flume Concretes				√					
	Concrete Pouring at Areas with Low Humidity and High Air Current				√					
SURFACE TYPE	Cement-Based Surface	√*	√*			√*	√*	√*	√	√
	Concrete Surface	√*	√*			√*	√*	√*	√	√
	Freshly Mixed Concrete			√	√					

√\* : Primer applied according to the surface characteristic.

√\*\* : MegaZemin Z503 recommended to be used as marking paint for indoor flooring applications which MegaZemin Z501, MegaZemin Z502, MegaZemin Z901 or MegaZemin Z902 have been applied.

Refer to our technical support hotline. (PHONE: +90 444 4 595)



# PLASTERS

KAYANAR

 KAYNAR  
CONSTRUCTION CHEMICALS



### MegaSiva İ H101

Cement based, manually applied fine plaster  
Cement based, manually applied surface preparation plaster with enhanced adherence.

### Areas Of Use



It is applied on the walls and ceilings of indoors and outdoors spaces, on prime coated gas concrete and prime coated concrete walls and ceilings and on any roughcast (**MegaSiva K H102, MegaSiva Makine İç H107, MegaSiva Makine Dış H108, MegaSiva Elyafli K H106**) applied surfaces.

### Certificates



### Consumption

Recommended consumption amounts for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface;  
• Prime coated concrete surface: 2.5 - 3.0 kg  
• Plastered surface: 3.25 - 3.75 kg  
25 kg



### MegaSiva K H102

Cement based, manually applied roughcast  
Cement based, manually applied roughcast with filling material in appropriate granulometry.

### Areas Of Use



It is applied manually on the walls and ceilings of indoors and outdoors spaces, on prime coated gas concrete, brick, prime coated concrete and briquette walls.

### Certificates



### Consumption

Recommended consumption amounts for application in roughly 1 cm thickness on 1 m<sup>2</sup> surface;  
• Gas concrete surface: 17.5 - 18.5 kg  
• Prime coated concrete surface: 17.0 - 18.0 kg  
• Briquette surface: 20.0 - 21.0 kg  
• Brick surface: 21.0 - 22.0 kg  
25 kg



### MegaSiva Saten H103

Cement based, manually applied satin plaster  
White cement based, manually applied satin plaster with polymer and chemical additives for enhanced workability, used for the preparation of the surface for paint application after finishing coat of plaster.

### Areas Of Use



It is applied on ceilings and plaster coated surfaces in indoors and outdoors spaces in order to smoothen the surfaces before paint application.

### Certificates



### Consumption

Recommended consumption amount for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface is 2.25 - 2.75 kg.  
20 kg



### MegaSiva Perlitli H104

Cement based, manually applied fine plaster with perlite  
Cement based pre-final coat surface preparation plaster with enhanced adherence, applied manually, which has been reinforced with various chemical additives.

### Areas Of Use



It is applied in indoors and outdoors spaces, on prime coated gas concrete and prime coated concrete surface and ceilings and on any roughcast (**MegaSiva K H102, MegaSiva Makine İç H107, MegaSiva Makine Dış H108, MegaSiva Elyafli K H106**) applied surfaces.

### Certificates



### Consumption

Recommended consumption amounts for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface;  
• Gas concrete surface: 1.5 - 2.5 kg  
• Prime coated concrete surface: 2.0 - 3.0 kg  
• Roughcast applied surface: 2.0 - 3.0 kg.  
35 kg



### MegaSiva Elyafli H105

Cement based, manually applied fine plaster with fiber additive  
Cement based pre-final coat surface preparation plaster with enhanced adherence, applied manually, which has been reinforced with various chemical additives in order for enhanced resistance to contraction and shrinkage.

### Areas Of Use



It is applied in indoors and outdoors spaces on prime coated gas concrete and prime coated concrete surface and ceilings and on any roughcast (**MegaSiva K H102, MegaSiva Makine İç H107, MegaSiva Makine Dış H108, MegaSiva Elyafli K H106**) applied surfaces.

### Certificates



### Consumption

Recommended consumption amounts for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface;  
• Gas concrete surface: 1.5 - 2.5 kg  
• Prime coated concrete surface: 2.0 - 3.0 kg  
• Roughcast applied surface: 2.0 - 3.0 kg  
35 kg





### MegaSiva Elyafli K H106

Cement based, manually applied roughcast with fiber additive

White cement based, manually applied roughcast with fiber with enhanced adherence, which contains filling material of suitable granulometry and which has been reinforced with various chemical additives.

### Areas Of Use



It is used in indoors and outdoors spaces for the elimination of surface defects and the repair of the fractures and cracks and the smoothing of surfaces on prime coated gas concrete, prime coated concrete, briquette, brick surfaces and ceilings, for the gauging of wall surfaces with defective gauge, and for surface smoothing prior to such applications as insulation system and curtain walling systems.

### Certificates



### Consumption

Recommended consumption amounts for application in roughly 1 cm thickness on 1 m<sup>2</sup> surface;

- Gas concrete surface: 15.0 - 16.0 kg
- Prime coated concrete surface: 17.0 - 18.0 kg
- Briquette surface: 17.5 - 18.5 kg
- Brick surface: 20.5 - 21.5 kg

35 kg



### MegaSiva Makine İç H107

Cement based, machine applied plaster with enhanced adherence for indoor use

Cement based, machine applied plaster for indoor use with filling material content in appropriate granulometry, which has been enriched with special chemical for enhanced workability and strength.

### Areas Of Use



It is applied in indoors spaces on prime coated gas concrete, prime coated concrete, briquette, brick and natural rock vertical surfaces and ceilings.

### Certificates



### Consumption

Recommended consumption amounts for application in roughly 1 cm thickness on 1 m<sup>2</sup> surface;

- Prime coated concrete: 20.0 - 21.0 kg
- Briquette Surface: 18.5 - 19.5 kg
- Brick Surface: 23.5 - 24.5 kg

35 kg



### MegaSiva Makine Dış H108

Cement based, machine applied plaster with enhanced adherence for outdoor use

Cement based, machine applied plaster for outdoor use with filling material content in appropriate granulometry, which has been enriched with special chemical for enhanced workability and strength.

### Areas Of Use



It is used in outdoors spaces on prime coated gas concrete, prime coated concrete, briquette, brick and natural rock vertical surfaces and ceilings.

### Certificates



### Consumption

Recommended consumption amounts for application in roughly 1 cm thickness on 1 m<sup>2</sup> surface;

- Prime coated concrete: 20.0 - 21.0 kg
- Briquette surface: 18.5 - 19.5 kg
- Brick surface: 23.5 - 24.5 kg

35 kg



### MegaSiva Thermo H110

Plaster mortar for thermal insulation panels  
Cement based, easily applicable thermal insulation panel plaster reinforced with polymer additives.

### Areas Of Use



It is used as the surface plaster on such thermal insulation panels as XPS, platinum, EPS and rockwool in indoors and outdoors spaces of all buildings.

### Certificates



### Consumption

The recommended consumption amount for a 4 mm thick insulation application (primary coat of mortar + Mantotherm Glass Fiber Mesh K914 + secondary coat of mortar) on 1 m<sup>2</sup> surface is 4.0 - 5.0 kg.

25 kg



### MegaSiva H201

Acrylic emulsion based, decorative plaster with concrete appearance.

It is an acrylic emulsion based, decorative finish plaster ready to use, which is used for interior and exterior surfaces, applied by means of a trowel and has the appearance of exposed concrete with different patterns given by a trowel or special equipment.

### Areas Of Use



It is used as a decorative finish plaster on mineral surfaces such as rough plaster, concrete, cement based slabs, gypsum plaster, gypsum board, fixed plywood and old painted surfaces and heat insulation board plaster mortar.

### Certificates



### Consumption

Recommended consumption amount is 2.5 ± 0.25 kg per 1 m<sup>2</sup> application. This value may vary depending on the surface and ambient conditions.

25 kg

Note: The values may vary, depending on the surface and ambient conditions.



### Mantotherm Plaster Mortar H111

Plaster mortar for thermal insulation panels  
Cement based, easily applicable thermal insulation panel plaster reinforced with polymer, fiber and water repellent additives.

### Areas Of Use

It is used as the surface plaster on such thermal insulation panels as XPS, EPS Platinum and Rockwool in indoors and outdoors spaces of all buildings.

### Certificates



### Consumption

The recommended consumption amount for a 4 mm thick insulation application (primary coat of mortar + Mantotherm Glass-Fiber Mesh K914 + secondary coat of mortar) on 1 m<sup>2</sup> surface is 4 - 5 kg.

25 kg



### Mantotherm Dekominera Fine Grained Texture H112

Mineral based decorative coating with fine grained texture  
White cement based surface finishing coat, which creates a natural texture on the surface.

### Areas Of Use

It can be safely applied as the finishing coat on cement based fine plaster or thermal insulation systems in outdoors spaces. The product is also suitable for use on interior walls for decorative purposes.

### Certificates



### Consumption

Recommended consumption amount for application on 1 m<sup>2</sup> surface is 1.5 - 2.0 kg.

25 kg



### Mantotherm Dekominera Grain Texture H113

Mineral based decorative coating with grain texture  
White cement based, fiber reinforced surface finishing coat, which creates a natural texture on the surface.

### Areas Of Use

It can be safely applied as the finishing coat on cement based fine plaster or thermal insulation systems in outdoors spaces. The product is also suitable for use on interior walls for decorative purposes.

### Certificates



### Consumption

Recommended consumption amount for application on 1 m<sup>2</sup> surface is 3.0 - 3.5 kg.

25 kg



### Mantotherm Dekominera Lined Texture H114

Mineral based decorative coating with lined texture  
White cement based surface finishing coat, which creates a natural texture on the surface.

### Areas Of Use

It is used as the finishing coat on cement based fine plaster or thermal insulation systems in outdoors spaces. The product is also suitable for use on interior walls for decorative purposes.

### Certificates



### Consumption

Recommended consumption amount for application on 1 m<sup>2</sup> surface is 3.0 - 3.5 kg.

25 kg



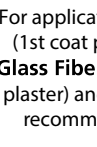
### Mantotherm Organic Plaster with High Impact Resistance H202

Acrylic-based plaster mortar for thermal insulation boards.  
An acrylic-based, easy to apply and ready-to-use plaster mortar with impact strength of 15 joule for thermal insulation boards.

### Areas Of Use

It is used as surface plaster for all buildings, external walls and thermal insulation boards such as XPS, EPS, platinum and rock wool.

### Certificates



### Consumption

For application on a surface of 1 m<sup>2</sup> (1st coat plaster + Mantotherm Glass Fiber Mesh K914 + 2nd coat plaster) and thickness of 4mm, the recommended consumption is 4 - 5 kg for EPS surface and 5 - 6 kg for rock wool surface.

25 kg



### Mantotherm Silicon Added Ready Mixed Plaster H203

Acrylic emulsion based, silicon and fiber added, flexible, ready-to-use colored plaster  
Acrylic emulsion based, silicon and fiber added, flexible, ready-to-use colored, large-grain textured plaster that is suitable for use on interior and exterior surfaces for applications and pattern formations with trowel.

### Areas Of Use

It can be used as a finishing material together with a primer on the exterior surfaces of all types of buildings, on cement based plaster, concrete, fibrous cement panel surfaces, surfaces with old paint and heat insulation systems. It is also suitable for use on interior surfaces of buildings for decorative purposes.

### Certificates



### Consumption

The recommended consumption for 1 m<sup>2</sup> application is 3.0 - 3.5 kg. This value may vary depending on the surface and ambient conditions.

25 kg



# PLASTERS - RECOMMENDED PRODUCTS TABLE

		Products									
		MegaSıva I H101	MegaSıva K H102	MegaSıva Saten H103	MegaSıva Perlitli H104	MegaSıva Elyafı H105	MegaSıva Elyafı K H106	MegaSıva Makine İç H107	MegaSıva Makine Dış H108	MegaSıva Thermo H110	MegaSıva H201
AREA OF USE	Interior and Exterior Flooring	✓	✓	✓	✓	✓	✓	✓		✓	✓
	Interior and Exterior Wall	✓	✓	✓	✓	✓	✓		✓	✓	✓
	Ceiling	✓	✓	✓	✓	✓	✓	✓	✓	✓	
APPLICATION CHARACTERISTICS	Pre-plaster										
	Pre-paint	✓		✓	✓	✓				✓	
	Broken and Crack Repair Operation		✓				✓	✓	✓		
	Levelling		✓				✓	✓	✓		
	Decorative View			✓							✓**
	Thin PLaster	✓*			✓*	✓*				✓*	
	Thick Plaster		✓*				✓*	✓*	✓*		
	Thermal Insulation Board Plaster				✓					✓	
APPLICATION AREAS	Concrete Surface	✓*	✓*		✓*	✓*	✓*	✓*	✓*		✓**
	Rough Casted Surface	✓			✓	✓				✓	✓*
	Fine-Casted Surface			✓							✓*
	Surface Built with Natural Stone		✓				✓	✓	✓		
	Surface Built with Brick		✓				✓	✓	✓		✓**
	Autoclaved Aerated Concrete Surface	✓*	✓*		✓*	✓*	✓*	✓*	✓*		✓**
	Aquapanel Board									✓	✓*
	Precast Concrete									✓	✓*
	Thermal Insulating Board									✓	

✓\* : Primer applied according to the surface characteristics.

✓\*\* : It is used to make surface smooth after application of finish plaster.

Refer to our technical support hotline. (PHONE: +90 444 4 595)

# PRIMERS





### MegaFilm A201

Multipurpose surface preparatory primer  
Polymer emulsion based, ready to use primer, which stabilizes the water absorbance of concrete and plaster surfaces prior to application, and enhances the adherence by ensuring the dusting that may have emerged on the surface to be retained on the surface, and which does not contain solvents.

### Areas Of Use



It is used for the reduction of the water absorption and the preparation for application of such surfaces as concrete, gas concrete, briquette, plaster, trowel coating, wood and mortar or in advance of the application of coating materials, ceramic adhesives, waterproofing products, leveling trowel coating and self spreading self-spreading trowel coating application. It is suitable for use on indoors and outdoors horizontal and vertical surfaces.

### Certificates



### Consumption

Recommended consumption amount for single-coat application on 1 m<sup>2</sup> surface is 0.10 - 0.20 kg.

10 kg  
5 kg

Blue



### MegaFilm Visko A203

Surface preparatory primer, which prepares ceramic and glassy surfaces for adhesion

Polymer emulsion based solvent free, ready to use surface preparatory primer with filling, which is used prior to adhesion for ceramic on ceramic and ceramic on wood applications in indoors and outdoors spaces.

### Areas Of Use



It is used for surface preparation purposes before the adhesion of the coating materials to be applied subsequently on such glassy surfaces as ceramic and mosaic and on wooden based surfaces. It is suitable for use on indoors and outdoors horizontal and vertical surfaces.

### Certificates



### Consumption

Recommended consumption amount for application in roughly 1 mm thickness on 1 m<sup>2</sup> surface is 0.15 - 0.20 kg.

3 kg  
1 kg



### MegaFilm BB A204

High performance exposed concrete primer  
Polymer emulsion based exposed concrete primer with filling, which does not contain solvent and is used as binder for the purpose of application of cement and plaster based mortars on such surfaces as exposed concrete, wall and ceiling.

### Areas Of Use



It is used as binder for the preparation of such surfaces as exposed concrete and trowel coating for pre mortar application and under the cement based mortars on concrete surfaces with satin plaster. It is suitable for use on indoors and outdoors horizontal and vertical surfaces and on ceilings.

### Certificates



### Consumption

Recommended consumption amount for water diluted application on 1 m<sup>2</sup> surface is 0.22 - 0.33 kg.

25 kg  
12 kg



### MegaFilm A205

Acrylic emulsion based, surface preparing primer for decorative coverings.

Matt, grey colour, acrylic emulsion based, water-based surface preparing transition primer for decorative coverings with high bonding strength and filling.

### Areas Of Use



It is used on all interior and exterior vertical surfaces such as on cement-based plastered and concrete surfaces, gypsum and plasterboards as surface preparing transition primer under decorative coverings.

### Certificates



### Consumption

Recommended consumption for single layer application in 1 m<sup>2</sup> is 0.15 - 0.20 kg

6 kg  
Grey



### MegaFilm Izo A301

Bitumen emulsion based, surface preparatory primer

Bitumen emulsion based, single compound, solvent free surface preparatory primer.

### Areas Of Use



It is used as primer under the bitumen based waterproofing materials for concrete surfaces, for the insulation of such underground spaces as foundations, cellars, basements and closed parking garages, and for such wet spaces as bathrooms, kitchens and balconies. It is suitable for use on indoors and outdoors horizontal and vertical surfaces.

### Certificates



### Consumption

Recommended consumption amount for single coat application on 1 m<sup>2</sup> surface is 0.35 - 0.40 kg.

17 kg  
Black





### MegaFilm İz PU A401

Polyurethane based, ready to use surface preparation primer

Polyurethane based, transparent, pervasive, solvent based, single component surface preparatory primer

### Areas Of Use



It is basically used as a primer prior to the application of polyurethane based waterproofing materials and polyurethane based joint filler, suitable for absorbent surfaces such as concrete, cement plaster and wood, also thanks to its elastic property it can be used on nonabsorbent surfaces such as glass and ceramic, in addition to the surfaces that may change its shape due to external factors such as aluminum, steel. The product can be used to reinforce and strengthen weak and old concrete surfaces.

### Certificates



### Consumption

Recommended consumption amount for single coat application on 1 m<sup>2</sup> surface is 0.15 - 0.20 kg.

5 kg

Transparent



### MegaFilm İz Epo A501

Epoxy based, double component, water based, humidity tolerant surface preparatory primer

Epoxy based, double component, transparent, water based, appropriate to apply on damp surfaces surface preparatory primer,

### Areas Of Use



It is basically used as primer for such absorbent surfaces as concrete and cement based plaster and non-absorbent surfaces as glass ceramic prior to the application of polyurethane based water materials and polyurethane joint filling. It is appropriate to use on the surfaces with humidity up to 30%.

### Certificates



### Consumption

Recommended consumption amount for single coat application on 1 m<sup>2</sup> surface is 0.15 - 0.20 kg.

7,5 kg + 2,5 kg (set)

Transparent



### MegaFilm A502

Epoxy resinous based, solvent free unfilled primer with high penetration ability

It is an epoxy resinous based solvent free unfilled primer with high penetration ability, low viscosity, applicable on absorbing and normal surfaces, high mechanical and chemical resistance, due to its high penetration ability on porous surfaces, mechanical adherence is high.

### Areas Of Use



It is mainly used as primer on cement-based screed and concrete surfaces prior to floor covering with epoxy. Application in indoor areas on horizontal surfaces.

### Certificates



### Consumption

Please see "Table 6-Consumption Rates for "Primers". (Page 53)

10 kg + 5 kg (set)

Transparent



### MegaFilm A504

Epoxy resin-based, solvent-free, highly penetrating, non-rammed primer for surfaces with moisture barriers

It is an epoxy resin-based, solvent-free, highly penetrating and highly mechanically resistant, low-viscosity, non-rammed primer to be applied on absorbent and normal surfaces and surfaces with moisture barrier.

### Areas Of Use



It is used as a primer material on cement based alum and concrete surfaces in waterproofing applications, on areas based on the ground, in areas with moisture barriers in order to meet the requirements of the waterproofing regulations in the buildings. It is used indoors, on horizontal and vertical surfaces.

### Certificates



### Consumption

Please see "Table 6-Consumption Rates for "Primers". (Page 53)

12 kg + 5 kg (set)

Transparent



### MegaFilm A901

Silane silicon based, adherence enhancing primer.

A silane silicon-based, solvent-free, ready-to-use primer used on surfaces with high dusting and/or absorbency feature, increasing the adherence of the application on the surface by ensuring that the dust raised on the surface adheres to the surface, balancing the water absorbency of concrete and mortar surfaces before treatment.

### Areas Of Use



It is used to reduce the water absorbency of mineral-based surfaces such as concrete, gas concrete, plaster, screed, gypsum and to get the surface prepared for the application or before the application of coating materials, ceramic adhesives, waterproofing products, leveling screed and self-dispersing screeds. Suitable for use on horizontal and vertical surfaces both indoors and outdoors.

### Certificates



### Consumption

Recommended consumption amount for 1 m<sup>2</sup> and a single coat application is 0.10 - 0.15 kg.

10 kg  
5 kg

Transparent

Note: The values may vary, depending on the surface and ambient conditions.





## Mantotherm Primer A206

Acrylic emulsion based primer for paint and decorative coatings

Highly adhesive, acrylic emulsion based, opaque, white, solvent-free primer with filling for paint and decorative coatings

## Areas Of Use

It is used in order to enhance adherence and reduce consumption under paint and decorative coatings on cement based, plastered, indoors and outdoors vertical surfaces.

## Certificates



## Consumption

Recommended consumption amount for a single coat application on 1 m<sup>2</sup> surface is 0.10 - 0.15 kg.

25 kg

## PRIMER - RECOMMENDED PRODUCTS TABLE

		Products	MegaFilm A201	MegaFilm Visko A203	MegaFilm BB A204	MegaFilm A205	MegaFilm izo A301	MegaFilm izo PU A401	MegaFilm izo Epo A501	MegaFilm A502	MegaFilm A504	MegaFilm A901
AREA OF USE	Forming a Dust-Free Surface		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Solvent Free		✓	✓	✓	✓	✓		✓	✓	✓	✓
	Surface Preparation For Ceramic On Ceramic Applications			✓				✓	✓			
	Surface Preparation For Epoxy Surface Finishing									✓	✓***	
DIFFERENT AREAS OF APPLICATION	Areas Under the Ground (Foundations, etc.)						✓	✓	✓			
	Areas Exposed to Wetness		✓	✓	✓		✓	✓	✓			
SURFACE TYPE	Concrete Surface		✓		✓	✓*	✓	✓	✓	✓	✓	✓
	Gas concrete Surface		✓			✓*						✓
	Exposed concrete Surface				✓		✓	✓	✓			✓
	Plastered Surface		✓		✓	✓	✓	✓	✓			✓
	Ceramic			✓				✓**	✓**			
	Marble			✓				✓**	✓**			
	Mosaic			✓				✓**	✓**			
	Metal Surface						✓	✓				
	Sheetrock		✓		✓	✓		✓	✓			
	Precast Concrete Panel		✓		✓	✓		✓	✓			
	Hardwood Surface With Water Absorption		✓					✓	✓			
	Hardwood Surface Without Water Absorption			✓								
	Old Bitumen Surface						✓	✓				

✓\* : Applied with primer according to the surface character

✓\*\* : Should roughened the surface with proper abrasive equipments before primer application.

✓\*\*\* : Applied to surface with moisture barrier.

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# ADDITIVES AND AUXILIAR MATERIALS



### MegaLatex K201

Performance enhancer concrete and mortar additive

Adherence enhancer, binder and waterproof additive for such materials as cement based mortar, trowel coating and plaster.

### Areas Of Use



It is used for any and all cement based mortar applications under construction site conditions, along with repair mortar applications for renovation purposes, along with trowel coating on the floors of industrial and large size spaces with heavy and busy traffic, along with plaster in pool applications, and along with repair mortars in beveling applications.

### Consumption

The product should be added to the mixing water in such mass that weighs equal to 30 % of the weight mixing water.

5 kg

10 kg



### Mega AntiFreeze 10 K901

Anti-freeze mortar and concrete additive for cold weather conditions

An anti-freeze liquid concrete and mortar additive without chloride content that enhances the applicability in cold weather conditions of the cement mixes, to which it is added.

### Areas Of Use



It is suitable for use as anti-freeze for all cement mortars and concrete in cases, where frost is expected, in constantly cold weather conditions, in such conditions, where mild frost is at issue throughout the day, in such cases, where sudden temperature drops are likely.

### Consumption

The product should be used in such mass that is 2% equal to the weight of the cement content within the mortar

5 kg



### MegaClean K902

Ready to use joint and surface cleaner

It's a ready to use ceramic surface and joint cleaner, which is capable of rapidly cleaning any dirt and construction material residues on the surface of coating materials and on the joint fillings.

### Areas Of Use



It is used for the cleaning of such coating materials as ceramic and granite, which have been contaminated by mortar, joint filling and cement-based construction residues, and for the coatings and joint fillings, which have been stained with such substances as coffee, tea and ink.

### Consumption

Recommended consumption amount for application on 1 m<sup>2</sup> surface is 25 - 50 ml.

Some 10 - 20 m<sup>2</sup> surface can be cleaned with 500 ml of MegaClean K902.

Some 100 - 200 m<sup>2</sup> surface can be cleaned with 5 kg of MegaClean K902.

5 kg

500 ml (12 piece/package)



### MegaFuga Guard K202

Achromatic, water repelling impregnating primer for the protection of joints and surfaces

Polymer emulsion based, silane and siloxane reinforced, ready-to-use surface protective primer with high penetration capability.

### Areas Of Use



It is used on frequently cleaned surfaces and floors in all indoors and outdoors spaces in order for the preservation of the color of the joint fillings, which have been cleaned with MegaClean K902 or recently applied.

### Certificates



### Consumption

Recommended consumption amount for single-coat application on 1 m<sup>2</sup> surface is 25 - 50 ml.

The said value may vary, depending on the surface and ambient conditions. Some 10 - 20 m<sup>2</sup> surface can be cleaned with 500 ml of MegaFuga Guard K202.

500 ml  
(12 piece/package)



### Seramik Tesviye Sistemi (STS) K904/K911/K905/K906

System used to eliminate any differences in elevation in large-scale ceramic applications.

It is a system that helps the floor and wall-finishing materials that consist of the retainer, wedge and pliers, are placed at certain intervals and level.

### Areas Of Use



**Standard Retainer K904:** The retainer that is ready for use with 5 - 13 mm thick finishing materials, in possession of the diversity to be used 1 mm, 2 mm and 3 mm joint gaps.

**Tall Retainer K911:** The retainer that is ready for use with 13 - 22 mm thick finishing materials, in possession of the diversity to be used 1 mm, 2 mm and 3 mm joint gaps.

**Wedge K905:** These are the wedges that are placed in the unused housings of the retainers and used in the grading of the finishing materials.

**Pliers K906:** These are the pliers that are used in the fixation of the finishing material together with the finishing material.

### Consumption

Please see "Table 7- Consumption Rates for "Tile Levelling". (Page 53)

The table showing the number of retainers and wedges suggested to be used on 1 m<sup>2</sup> surface is provided.



### K908 Gauge Wedge

It is a gauge wedge which provides a smooth start in the application of ceramic and coating materials.

These are the blocks used for leveling in order to easily and quickly adjust the height of the first row from the ground in the application of ceramic and coating materials.

### Areas Of Use



It is used in vertical wall applications of coating materials such as ceramic wall tiles, porcelain ceramics, granite ceramics, natural stone in all sizes and thicknesses, and in stair and riser coatings of all kinds of stairs.

### Consumption

At least 2 **K908 Gauge Wedge** should be used at the beginning and end of the applied coating material. The number of gauge wedges used can be increased depending on the size of the coating material.



### K907

Performance enhancer concrete and mortar additive

### Consumption

25 kg

Beige

### Mantotherm Glass-Fiber Mesh K914



Glass-fiber based mesh

High alkali resistant, glass-fiber based mesh, weighing 160 g/m<sup>2</sup> at minimum, which is used to ensure the resistance of the insulation plaster against surface movements and tensile.

### Areas Of Use

It is used for insulation plaster application.

### Consumption

Recommended consumption amount for application on 1 m<sup>2</sup> surface is 1.1 m<sup>2</sup>.

50 m<sup>2</sup>

### Mantotherm Corner Profile K915



Mantotherm PVC Corner Bead With Mesh

PVC corner bead with mesh which is used to provide proper edges and corners, and to protect the areas such as the corners of the buildings, windows and door edges, which are exposed to mechanical forces and bearing the risk of cracking.



## Mantotherm Dowels

### 1- Mantotherm Plastic Spiked Euro Dowel K916

Dowel used for the mechanical assemblage of thermal insulation panels on brick, plaster and concrete surfaces.

### 2- Mantotherm Plastic Spiked Wide Flange Dowel K917

Dowel used for the mechanical assemblage of thermal insulation panels on brick, plaster and concrete surfaces.



1

2

## ADDITIVES AND AUXILIARY MATERIALS - RECOMMENDED PRODUCTS TABLE

		Products					
		MegaLatex K210	MegaAntiFreeze 10 K901	MegaClean K902	MegaFuga Guard K202	Seramik Tesviye Sistemi (STS) Standart Tutucu K904, Uzun Tutucu K911 Takoz K905, Pense K906	Mastar Takozu K908
DIFFERENT AREAS OF APPLICATION	Enhancement of Performance and Elasticity of the Cement-Based Products	√					
	Colour Maintenance and Durability of the Newly Applied Joint Fillers				√		
	Levelling Big-Sized Tiles					√	
	Under Constantly Cold Climatic Conditions (Down to -10°C)		√				
	Environments of Possible Temperature Drop and Risk of Frost (Down to -10°C)		√				
	Cleaning of Dirty Joints and Surfaces			√			
	Formwork Systems						
	On Covering Applications, Adjustment of the First Vertical Place						√
SURFACE TYPE	Cement-Based Mortars (Ceramic Adhesives, Plaster, Screed, Repair Mortars)	√	√				
	Plywood, Steel, Plastic, Wood, Tunnel Formworks						
	Natural Stone				√		√
	Granite			√	√		√
	Ceramic			√	√	√	√

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# PAINTS

### Mantotherm Exterior Paint With Silicone B201

#### Areas Of Use

#### Certificates

#### Consumption

Acrylic emulsion based exterior paint with silicone additive

Acrylic emulsion based, waterproof, long lasting, high quality, opaque finishing coat decorative exterior paint with silicon additive.

It is used as the finishing coat painting material along with the suitable primer on cement based plaster, exposed concrete, fiber cement board and thermal insulation systems of exteriors of buildings.



Double layer consumption amount recommended for 1 m<sup>2</sup> application is 0.23 ± 0.01 liters.

15 lt

### Mantotherm Grained Exterior Coating With Silicone B202

#### Areas Of Use

#### Certificates

#### Consumption

Acrylic emulsion based, textured, grained exterior coating with silicone additive

Acrylic emulsion based, textured, grained, long-lasting coating with silicone additive, which is applied and is also given pattern with a roller. The product is also suitable for use on interior walls for decorative purposes.

It is used as the finishing coat coating material along with the suitable primer on cement based plaster, exposed concrete, fiber cement board and thermal insulation systems on the exteriors of any building.



Layer consumption amount recommended for 1 m<sup>2</sup> application is; 1.25 – 1.30 kg/m<sup>2</sup>.

25 kg



# ***HOT PROOF***



# ***COLD PROOF***



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## MANTOTHERM SYSTEM SAMPLES

### CEMENT BASED - WHITE COLORED SYSTEM

Product	Description	Package	Consumption/ m <sup>2</sup>
<b>Mantotherm Adhesive Mortar Y194</b>	Adhesive mortar for thermal insulation panels	25 kg	4.5 kg
<b>Mantotherm Plaster Mortar H111</b>	Plaster mortar for thermal insulation panels	25 kg	5 kg
<b>Mantotherm Plastic Spiked Euro Dowel K916 (60*10*140)</b>	Plastic spiked thermal insulation panel dowel	500 piece	6 piece
<b>Mantotherm Corner Profile K915</b>	PVC corner bead with mesh which is used to provide proper edges and corners	62.5 mt	0.25 mt
<b>Mantotherm Glass-Fiber Mesh K914</b>	Glass-fiber based mesh Weight: minimum 160 gr/m <sup>2</sup>	50 m <sup>2</sup>	1.1 m <sup>2</sup>
<b>Mantotherm Primer A206</b>	Acrylic emulsion based primer for paint and decorative coatings	25 kg	0.125 kg
<b>Mantotherm Dekominera Fine Grained Texture H112</b>	Mineral based decorative coating with fine grained texture	25 kg	2 kg

### CEMENT BASED - COLORED SYSTEM

Product	Description	Package	Consumption/ m <sup>2</sup>
<b>Mantotherm Adhesive Mortar Y194</b>	Adhesive mortar for thermal insulation panels	25 kg	4.5 kg
<b>Mantotherm Plaster Mortar H111</b>	Plaster mortar for thermal insulation panels	25 kg	5 kg
<b>Mantotherm Plastic Spiked Wide Flange Dowel K917 (60*8*155)</b>	Taşıyünü ısı yalıtım levhası dübeli	500 piece	6 piece
<b>Mantotherm Corner Profile K915</b>	PVC corner bead with mesh which is used to provide proper edges and corners	62.5 mt	0.25 mt
<b>Mantotherm Glass-Fiber Mesh K914</b>	Glass-fiber based mesh Weight: minimum 160 gr/m <sup>2</sup>	50 m <sup>2</sup>	1.1 m <sup>2</sup>
<b>Mantotherm Primer A206</b>	Acrylic emulsion based primer for paint and decorative coatings	25 kg	0.125 kg
<b>Mantotherm Dekominera Grained Texture H113</b>	Mineral based decorative coating with grain texture	25 kg	3.25 kg
<b>Mantotherm Exterior Paint With Silicone B201</b>	Acrylic emulsion based exterior paint with silicone additive	15 lt	0.23 kg

### ORGANIC SYSTEM WITH HIGH IMPACT RESISTANCE

Product	Description	Package	Consumption/ m <sup>2</sup>
<b>Mantotherm Adhesive Mortar Y194</b>	Adhesive mortar for thermal insulation panels	25 kg	4.5 kg
<b>Mantotherm Organic Plaster with High Impact Resistance H202</b>	An acrylic-based, easy to apply and ready-to-use plaster mortar with impact strength of 15 joule for thermal insulation boards.	25 kg	4.5 kg
<b>Mantotherm Plastic Spiked Euro Dowel K916 (60*10*140)</b>	Plastic spiked thermal insulation panel dowel	500 piece	6 piece
<b>Mantotherm Corner Profile K915</b>	PVC corner bead with mesh which is used to provide proper edges and corners	62.5 mt	0.25 mt
<b>Mantotherm Glass-Fiber Mesh K914</b>	Glass-fiber based mesh Weight: minimum 160 gr/m <sup>2</sup>	50 m <sup>2</sup>	1.1 m <sup>2</sup>
<b>Mantotherm Silicon Added Ready Mixed Plaster H203</b>	Acrylic emulsion based, silicon and fiber added, flexible, ready-to-use colored plaster	25 kg	3.3 kg

\*Consumption quantities of the package system are taken as average values. Consumption quantities may vary depending on the application surface and environmental conditions.

\*Package system examples are prepared assuming the use of **7 cm EPS and stone wool insulation boards**. Pricing examples may vary depending on the board type, thickness, and inclusion of other components in the system.

\*Shipment of package components will be made in packaging quantities and multiples, so the order quantities given in square meters may vary.

**TABLE 1 - CONSUMPTION AMOUNTS IN kg/m<sup>2</sup> & PACKAGE AND PALLET DETAILS FOR ADHESIVES**

MegaFix Y101		
Ceramic Tile Size	Notch Size	Consumption
10x10 cm to 10x15 cm or smaller	6x6x6	Single side adhesion: 4.0 - 4.75kg/m <sup>2</sup>
		Double side adhesion: 5.5 - 6.5 kg/m <sup>2</sup>
10x15 to 25x40 cm 10x15 to 33x33 cm	8x8x8	Single side adhesion: 4.5 - 5.5 kg/m <sup>2</sup>
		Double side adhesion: 6.0 - 7.0 kg/m <sup>2</sup>
10x15 to 25x40 cm 10x15 to 33x33 cm	10x10x10	Single side adhesion: 5.0 - 6.0 kg/m <sup>2</sup>
		Double side adhesion: 6.5 - 8.0 kg/m <sup>2</sup>

MegaGranit Y102		
Ceramic Tile Size	Notch Size	Consumption
10x10 cm to 10x15 cm or smaller	6x6x6	Single side adhesion: 4.0 - 4.75kg/m <sup>2</sup>
		Double side adhesion: 5.5 - 6.5 kg/m <sup>2</sup>
10x15 to 25x40 cm 10x15 to 33x33 cm	8x8x8	Single side adhesion: 4.5 - 5.5 kg/m <sup>2</sup>
		Double side adhesion: 6.0 - 7.0 kg/m <sup>2</sup>
25x40 to 33x33 cm or larger	10x10x10	Single side adhesion: 5.0 - 6.0 kg/m <sup>2</sup>
		Double side adhesion: 6.5 - 8.0 kg/m <sup>2</sup>

MegaFlex Y103		
Ceramic Tile Size	Notch Size	Consumption
10x10 cm to 10x15 cm or smaller	6x6x6	Single side adhesion: 4.0 - 4.75kg/m <sup>2</sup>
		Double side adhesion: 5.5 - 6.5 kg/m <sup>2</sup>
10x15 to 25x40 cm 10x15 to 33x33 cm	8x8x8	Single side adhesion: 4.5 - 5.5 kg/m <sup>2</sup>
		Double side adhesion: 6.0 - 7.0 kg/m <sup>2</sup>
25x40 to 33x33 cm or larger	10x10x10	Single side adhesion: 5.0 - 6.0 kg/m <sup>2</sup>
		Double side adhesion: 6.5 - 8.0 kg/m <sup>2</sup>

MegaFlex Maxi Y104		
Seramik Boyutları	Notch Size	Consumption
10x10 cm to 10x15 cm or smaller	6x6x6	Single side adhesion: 4.0 - 4.75kg/m <sup>2</sup>
		Double side adhesion: 5.5 - 6.5 kg/m <sup>2</sup>
10x15 to 25x40 cm 10x15 to 33x33 cm	8x8x8	Single side adhesion: 4.5 - 5.5 kg/m <sup>2</sup>
		Double side adhesion: 6.0 - 7.0 kg/m <sup>2</sup>
25x40 to 33x33 cm or larger	10x10x10	Single side adhesion: 5.0 - 6.0 kg/m <sup>2</sup>
		Double side adhesion: 6.5 - 8.0 kg/m <sup>2</sup>

MegaPool Y105		
Seramik Boyutları	Notch Size	Consumption
10x10 cm to 10x15 cm or smaller	6x6x6	Single side adhesion: 4.0 - 4.75kg/m <sup>2</sup>
		Double side adhesion: 5.5 - 6.5 kg/m <sup>2</sup>
10x15 to 25x40 cm 10x15 to 33x33 cm	8x8x8	Single side adhesion: 4.5 - 5.5 kg/m <sup>2</sup>
		Double side adhesion: 6.0 - 7.0 kg/m <sup>2</sup>
25x40 to 33x33 cm or larger	10x10x10	Single side adhesion: 5.0 - 6.0 kg/m <sup>2</sup>
		Double side adhesion: 6.5 - 8.0 kg/m <sup>2</sup>

MegaPro RapidFlex Y113		
Ceramic Tile Size	Notch Size	Consumption
10x10 cm to 10x15 cm or smaller	6x6x6	Single side adhesion: 4.0 - 4.75kg/m <sup>2</sup>
		Double side adhesion: 5.5 - 6.5 kg/m <sup>2</sup>
10x15 to 25x40 cm 10x15 to 33x33 cm	8x8x8	Single side adhesion: 4.5 - 5.5 kg/m <sup>2</sup>
		Double side adhesion: 6.0 - 7.0 kg/m <sup>2</sup>
25x40 to 33x33 cm or larger	10x10x10	Single side adhesion: 5.0 - 6.0 kg/m <sup>2</sup>
		Double side adhesion: 6.5 - 8.0 kg/m <sup>2</sup>

MegaPro Facade Y111		
Ceramic Tile Size	Notch Size	Consumption
10x10 cm to 10x15 cm or smaller	6x6x6	Single side adhesion: 4.0 - 4.75kg/m <sup>2</sup>
		Double side adhesion: 5.5 - 6.5 kg/m <sup>2</sup>
10x15 to 25x40 cm 10x15 to 33x33 cm	8x8x8	Single side adhesion: 4.5 - 5.5 kg/m <sup>2</sup>
		Double side adhesion: 6.0 - 7.0 kg/m <sup>2</sup>
25x40 to 33x33 cm or larger	10x10x10	Single side adhesion: 5.0 - 6.0 kg/m <sup>2</sup>
		Double side adhesion: 6.5 - 8.0 kg/m <sup>2</sup>





MegaPro Y117		
Ceramic Tile Size	Notch Size	Consumption
10x10 cm to 10x15 cm or smaller	6x6x6	Single side adhesion: 3.5 - 4.0 kg/m <sup>2</sup>
		Double side adhesion: 4.5 - 5.5 kg/m <sup>2</sup>
10x15 to 25x40 cm 10x15 to 33x33 cm	8x8x8	Single side adhesion: 3.5 - 4.5 kg/m <sup>2</sup>
		Double side adhesion: 5.0 - 6.0 kg/m <sup>2</sup>
25x40 to 33x33 cm or larger	10x10x10	Single side adhesion: 4.5 - 5.0 kg/m <sup>2</sup>
		Double side adhesion: 5.5 - 7.0 kg/m <sup>2</sup>

MegaPro Pastemix Y201		
Ceramic Tile Size	Notch Size	Consumption
10x10 cm ile 10x15 cm arası ve daha küçük ebatlar	6x6x6	Single side adhesion: 2.0 - 2.5 kg/m <sup>2</sup>
		Double side adhesion: 3.5 - 4.0 kg/m <sup>2</sup>
10x15 cm ile 20x20 cm arası ve üzeri ebatlar	8x8x8	Single side adhesion: 2.5 - 3.0 kg/m <sup>2</sup>
		Double side adhesion: 4.0 - 4.5 kg/m <sup>2</sup>


MegaBlok Y192		
Recommended <b>MegaBlok Y192</b> consumption for the masonry of 1 m <sup>2</sup> wall with 60x25x d cm gas concrete bricks		
Blok Kalınlığı d (cm)	Consumption (kg/m <sup>2</sup> )	
10	1.43 kg/m <sup>2</sup>	
12.5	1.8 kg/m <sup>2</sup>	
15	2.16 kg/m <sup>2</sup>	
20	2.82 kg/m <sup>2</sup>	
25	3.6 kg/m <sup>2</sup>	
30	4.3 kg/m <sup>2</sup>	


ARTEFIX		
Ceramic Tile Size	Notch Size	Consumption
10x10 cm ile 10x15 cm arası ve daha küçük ebatlar	6x6x6	Single side adhesion: 4.0 - 4.75 kg/m <sup>2</sup>
		Double side adhesion: 5.5 - 6.5 kg/m <sup>2</sup>
10x15 ile 25x40 cm arası 10x15 ile 33x33 cm arası	8x8x8	Single side adhesion: 4.5 - 5.5 kg/m <sup>2</sup>
		Double side adhesion: 6.0 - 7.0 kg/m <sup>2</sup>
10x15 ile 25x40 cm arası 10x15 ile 33x33 cm arası	10x10x10	Single side adhesion: 5.0 - 6.0 kg/m <sup>2</sup>
		Double side adhesion: 6.5 - 8.0 kg/m <sup>2</sup>

**TABLE 2 - CONSUMPTION AMOUNTS IN kg/m<sup>2</sup> FOR 9 mm THICK CERAMIC TILE & PACKAGE AND PALLET DETAILS FOR JOINT FILLERS**

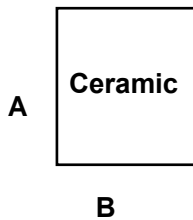
Product Name	Density (ρ)	Ceramic Size (cm)	Joint Gap (mm)			Packaging Type and Weight	Pallet Weight
			3 mm	4 mm	5 mm		
<b>MegaFuga D101</b> 	1.876 gr/cm <sup>3</sup>	25x50	0.304	0.405	0.507	Net 5 kg polyethylene bags or net 20 kg kraft bags	Net 5 kg Polyethylene Bags of 72 units (360 kg) Net 20 kg kraft bags of 60 units (1200 kg)
		30x60	0.253	0.338	0.422		
		30x75	0.236	0.315	0.394		
		30x90	0.225	0.300	0.375		
		33x33	0.307	0.409	0.511		
		45x90	0.169	0.225	0.281		
		50x50	0.203	0.270	0.338		
		60x60	0.169	0.225	0.281		
		80x80	0.127	0.169	0.211		
		60x120	0.127	0.169	0.211		
		120x120	0.084	0.113	0.141		
		120x240	0.064	0.084	0.105		
<b>MegaFuga Sil D102</b> 	1.878 gr/cm <sup>3</sup>	25x50	0.304	0.406	0.507	Net 1 - 5 kg polyethylene bags or net 20 kg kraft bags	Net 1 kg Polyethylene Bags of 360 units (360kg) Net 5 kg Polyethylene Bags of 72 units (360 kg) Net 20 kg kraft bags of 60 units (1200 kg)
		30x60	0.254	0.338	0.423		
		30x75	0.237	0.316	0.394		
		30x90	0.225	0.300	0.376		
		33x33	0.307	0.41	0.51		
		45x90	0.169	0.225	0.281		
		50x50	0.203	0.270	0.338		
		60x60	0.169	0.225	0.282		
		80x80	0.127	0.169	0.211		
		60x120	0.127	0.169	0.211		
		120x120	0.085	0.113	0.141		
		120x240	0.063	0.084	0.105		
<b>MegaFuga Flex D103</b> 	1.801 gr/cm <sup>3</sup>	25x50	0.292	0.389	0.486	Net 5 kg polyethylene bags or net 20 kg kraft bags	Net 5 kg Polyethylene Bags of 72 units (360 kg) Net 20 kg kraft bags of 60 units (1200 kg)
		30x60	0.243	0.324	0.405		
		30x75	0.227	0.303	0.378		
		30x90	0.216	0.288	0.360		
		33x33	0.294	0.393	0.491		
		45x90	0.162	0.216	0.27		
		50x50	0.195	0.259	0.324		
		60x60	0.162	0.216	0.270		
		80x80	0.122	0.162	0.203		
		60x120	0.122	0.162	0.203		
		120x120	0.081	0.108	0.135		
		120x240	0.061	0.081	0.101		
<b>MegaFuga Pool D105</b> 	1.770 gr/cm <sup>3</sup>	2.5x2.5	3.820	5.100	6.370	20 kg craft bags	60 kg on a palette (1200 kg)
		2.5x5	2.870	3.820	4.780		
		5x5	1.910	2.550	3.190		
		10x10	0.955	1.274	1.593		
		10x20	0.716	0.955	1.194		
		25x50	0.287	0.382	0.478		
		30x60	0.239	0.319	0.398		
		30x75	0.223	0.297	0.372		
		30x90	0.212	0.283	0.354		

**TABLE 2 - CONSUMPTION AMOUNTS IN kg/m<sup>2</sup> & PACKAGE AND PALETTE DETAILS FOR MegaEpoxy D501**

Product Name	Density (ρ)	Ceramic Size (cm)	Joint Depth (mm)	Joint Gap (mm)			Package Type and Weight	Palette Weight
				3 mm	4 mm	5 mm		
<b>MegaEpoxy D501</b> 	1.80 gr/cm <sup>3</sup>	2,5x2,5	5	2.16	2.88	3.6	Delivered as a set in net 5 kg plastic buckets. (Component A: 4.650 kg Component B: 0.350 kg)	In a palette 40 pcs (200kg).
			6	2.59	3.45	4.32		
			7	3.02	4.03	5.04		
			8	3.45	4.6	5.76		
		10x10	5	0.54	0.72	0.9		
			6	0.64	0.86	1.08		
			7	0.75	1	1.26		
			8	0.86	1.15	1.44		
		10x20	5	0.405	0.54	0.675		
			6	0.486	0.648	0.81		
			7	0.567	0.756	0.945		
			8	0.648	0.864	1.08		
		20x20	8	0.43	0.57	0.72		
			14	0.75	1	1.26		
		30x60	10	0.27	0.36	0.45		
			10	0.33	0.44	0.55		
			10	0.18	0.24	0.3		
			10	0.24	0.32	0.4		
		60x120	10	0.135	0.18	0.225		
			12	0.162	0.216	0.27		
			12	0.108	0.144	0.18		
			12	0.081	0.108	0.135		

Product Name	Density (ρ)	Ceramic Size (cm)	Joint Gap (mm)			Package Type and Weight	Palette Weight
			5 mm	10 mm	20 mm		
<b>MegaFuga Rustik D106</b> 	1.933 gr/cm <sup>3</sup>	21x6x1.5	3.107	6.214	12.428	Net 20 kg kraft bags	In a palette 60 pcs (1200kg).

### Consumption Amount Calculation Method for Joint Fillers



Consumption = x ρ  
(kg/m<sup>2</sup>)

$$\frac{(A + B) \times (d \times w)}{A \times B}$$

A: Width of ceramic (mm)

B: Length of ceramic (mm)

d: Thickness of ceramic (mm)

w: Joint width (mm)

ρ: Density of joint filler (gr / cm<sup>3</sup>)



**TABLE 3 - RECOMMENDED CONSUMPTION AMOUN FOR FILM THICKNESS**

Recommended consumption amount for 3 mm **Megaizo K S301** film thickness;



Purpose of Use	Film Thickness	Consumption
Insulation against the moisture of soil	≥ 3 mm	4.0 - 5.0 kg/m <sup>2</sup>
Insulation against temporary pressurized water (surface waters affecting externally)	≥ 3 mm (Megaizo File S902 mesh applied)	4.0 - 5.0 kg/m <sup>2</sup>
Insulation against continuous pressurized water (underground water)	≥ 4 mm (Megaizo File S902 mesh applied)	5.5 - 6.5 kg/m <sup>2</sup>

Recommended consumption amount for 3-4 mm **Megaizo 2K S302** film thickness;



Purpose of Use	Film Thickness	Consumption
Insulation against the moisture of soil	≥ 3 mm	3.8 - 4.6 kg/m <sup>2</sup>
Insulation against temporary pressurized water (surface waters affecting externally)	≥ 3 mm (Megaizo File S902 mesh applied)	3.8 - 4.6 kg/m <sup>2</sup>
Insulation against continuous pressurized water (underground water)	≥ 4 mm (Megaizo File S902 mesh applied)	5.0 - 6.0 kg/m <sup>2</sup>

Recommended consumption amount for 3 mm **Megaizo 2K S303** film thickness;



Purpose of Use	Film Thickness	Consumption
Insulation against the moisture of soil	≥ 3 mm	3.8 - 4.6 kg/m <sup>2</sup>
Insulation against temporary <b>pressureless</b> water (surface waters affecting externally)	≥ 3 mm (Megaizo File S902 mesh applied)	3.8 - 4.6 kg/m <sup>2</sup>

Recommended consumption amount for **Megaizo S201**



Water Exposure Classification (According to DIN 18533)	Description / Type of Effect	Dry Film Thickness (mm)	Consumption (kg/m <sup>2</sup> )
W1.1-E/W1.2-E	Soil moisture and unpressurized water	≥ 2.0	Approximately 2.25
W2.1-E	Constant water leakage and pressurized water Middle exposure to pressurized water up to ≤ 3 m depth	≥ 3.0	Approximately 3.37
W2.2-E	High exposure to pressurized water up to > 3 m depth	≥ 4.0	Approximately 4.5
W3-E	Unpressurized water on soil covered roofs/ceilings	≥ 3.0	Approximately 3,37
W4-E	Splashing water and soil moisture in capillary water in wall bottoms / bases and inside and beneath walls	≥ 2.0	Approximately 2.25
	Locations with water depth up to 6 meters	≥ 3.0	Approximately 3.37

Number of rolls (pieces) for a 100 m long fugue in predetermined width and depth

Consumption amounts may vary of **Megaizo PU Mastik HM S492**, **Megaizo PU Mastik LM S491** according to joint depth and width on.



		Joint Width (cm)					
		0.5	1.0	1.5	2.0	2.5	3.0
Joint Depth (cm)	0.5	4	8	13	17	21	25
	1.0	8	17	25	33	42	50
	1.5	13	25	38	50	63	75
	2.0	17	33	50	67	83	100
	2.5	21	42	63	83	104	125
	3.0	25	50	70	100	125	150

**TABLE 4 - CONSUMPTION AMOUNTS OF REPAIR MORTARS**

**MegaTamir T901**

Crude Metal Diameter (mm)	Minimum Hole Diameter (mm)	Hole Depth (mm)	Consumption per hole (mm)	Number of holes to be treated with a 300 ml cartridge
8	10	80	5	56
10	12	100	8	35
12	14	120	13	22

*\*This consumption amounts varies, depending on the conditions of surfaces and fields.*

**TABLE 5 - CONSUMTION AMOUNTS FOR FLOORING MATERIALS**

**MegaZemin Z501**

Self - Leveling Coating System (thickness of 1.5 - 1.7 mm) Floors with Light Pedestrian Traffic			Self - Leveling Coating System (thickness of 1.9 - 2.1 mm thickness) Parking - Factory Floors		Self - Leveling Coating System (thickness of 2.5 - 2.7 mm) Floors exposed to Medium-Heavy Vehicle Traffic	
Coating	Product	Consumption	Product	Consumption	Product	Consumption
Primer	MegaFilm A502	0.30 - 0.50 kg/m <sup>2</sup>	MegaFilm A502	0.30 - 0.50 kg/m <sup>2</sup>	MegaFilm A502	0.30 - 0.50 kg/m <sup>2</sup>
	MegaFilm A504	0.30 - 0.50 kg/m <sup>2</sup>	MegaFilm A504	0.30 - 0.50 kg/m <sup>2</sup>	MegaFilm A504	0.30 - 0.50 kg/m <sup>2</sup>
Scatter Sand	K907	1 kg/m <sup>2</sup>	K907	1 kg/m <sup>2</sup>	K907	1 kg/m <sup>2</sup>
Undercoat	MegaZemin Z501 + K907 silica filler in the ratio of 1:2	0.75 kg/m <sup>2</sup> + 0.35 kg/m <sup>2</sup> in the ratio of 1:2	MegaZemin Z501 + K907 silica filler in the ratio of 1:2	1.00 kg/m <sup>2</sup> + 0.45 kg/m <sup>2</sup> in the ratio of 1:2	MegaZemin Z501 + K907 silica filler in the ratio of 1:2	1.00 kg/m <sup>2</sup> + 0.45 kg/m <sup>2</sup> in the ratio of 1:2
Self - Leveling	MegaZemin Z501	0.7 kg/m <sup>2</sup>	MegaZemin Z501	1.1 kg/m <sup>2</sup>	MegaZemin Z501	2.0 kg/m <sup>2</sup>

MultiLayer Floor Coating System (3.2 - 3.6 mm)		
Coating	Product	Consumption
Primer + K907 silica filler in the ratio of 1:1	MegaFilm A502	0.30 - 0.50 kg/m <sup>2</sup> + 0.30 - 0.50 kg/m <sup>2</sup> (filler)
	MegaFilm A504	0.30 - 0.50 kg/m <sup>2</sup> + 0.30 - 0.50 kg/m <sup>2</sup> (filler)
Scatter Sand	K907	1 kg/m <sup>2</sup>
Primer + K907 silica filler in the ratio of 1:1	MegaFilm A502	0.30 - 0.50 kg/m <sup>2</sup> + 0.30 - 0.50 kg/m <sup>2</sup> (filler)
	MegaFilm A504	0.30 - 0.50 kg/m <sup>2</sup> + 0.30 - 0.50 kg/m <sup>2</sup> (filler)
Scatter Sand	K907	1 kg/m <sup>2</sup>
Undercoat	MegaZemin Z501+ K907 (0.1 - 0.3 mm) silica filler in the ratio of 1:2	1.00 kg/m <sup>2</sup> + 0.45 kg/m <sup>2</sup> in the ratio of 1:2
Self - Leveling	MegaZemin Z501	2 kg/m <sup>2</sup>

## MegaZemin Z502

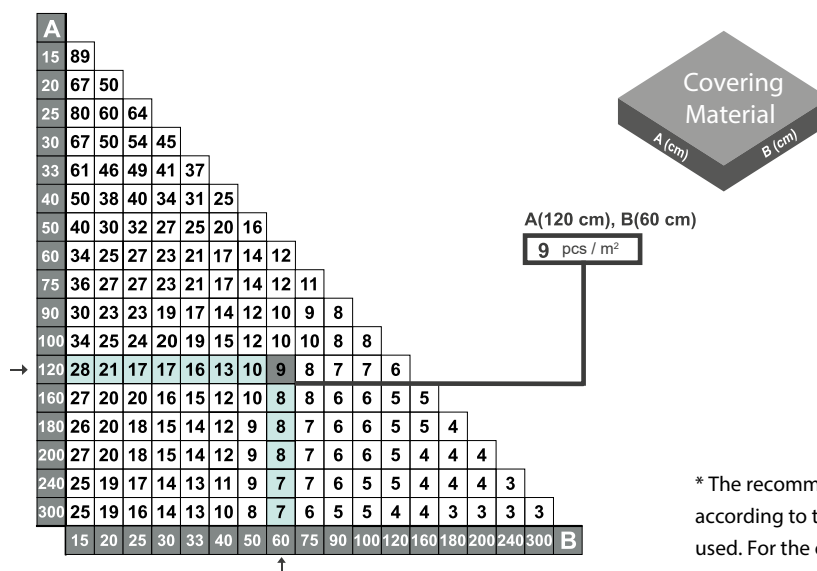
Self - Leveling Coating System (thickness of 1.5 - 1.7 mm) Floors with Light Pedestrian Traffic			Self - Leveling Coating System (thickness of 1.9 - 2.1 mm thickness) Parking - Factory Floors		Self - Leveling Coating System (thickness of 2.5 - 2.7 mm) Floors exposed to Medium-Heavy Vehicle Traffic	
Coating	Product	Consumption	Product	Consumption	Product	Consumption
Primer	MegaFilm A502	0.30 - 0.50 kg/m <sup>2</sup>	MegaFilm A502	0.30 - 0.50 kg/m <sup>2</sup>	MegaFilm A502	0.30 - 0.50 kg/m <sup>2</sup>
	MegaFilm A504	0.30 - 0.50 kg/m <sup>2</sup>	MegaFilm A504	0.30 - 0.50 kg/m <sup>2</sup>	MegaFilm A504	0.30 - 0.50 kg/m <sup>2</sup>
Scatter Sand	K907	1 kg/m <sup>2</sup>	K907	1 kg/m <sup>2</sup>	K907	1 kg/m <sup>2</sup>
Undercoat	MegaZemin Z501 + K907 silica filler in the ratio of 1:2	0.75 kg/m <sup>2</sup> + 0.35 kg/m <sup>2</sup> in the ratio of 1:2	MegaZemin Z501 + K907 silica filler in the ratio of 1:2	1,00 kg/m <sup>2</sup> + 0.45 kg/m <sup>2</sup> ratio of 1:2	MegaZemin Z501 + K907 silica filler in the ratio of 1:2	1.00 kg/m <sup>2</sup> + 0.45 kg/m <sup>2</sup> ratio of 1:2
Self - Leveling	MegaZemin Z502	0.55 kg/m <sup>2</sup>	MegaZemin Z502	0.85 kg/m <sup>2</sup>	MegaZemin Z502	1.5 kg/m <sup>2</sup>

TABLE 6 - CONSUMPTION AMOUNTS OF PRIMERS

MegaFilm A502			MegaFilm A504		
Covering	Product	Consumption	Covering	Product	Consumption
Primer (less porous)	1 x MegaFilm A502	0.30 - 0.50 kg/m <sup>2</sup>	Primer (less porous)	1 x MegaFilm A504	0.2 - 0.4 kg/m <sup>2</sup>
Primer (very porous)	2 x MegaFilm A502	0.7 - 1.0 kg/m <sup>2</sup>	Primer (very porous)	2 x MegaFilm A504	0.6 - 0.9 kg/m <sup>2</sup>

TABLE 7 - CONSUMPTION AMOUNTS OF ADDITIVES AND AUXILIARY MATERIALS

## Tile Levelling System (STS) – K904/ K911/K905/K906/K911



\* The recommended number of retainers may vary according to the dimensions of the coating materials used. For the correct application, please follow the product consumption table.



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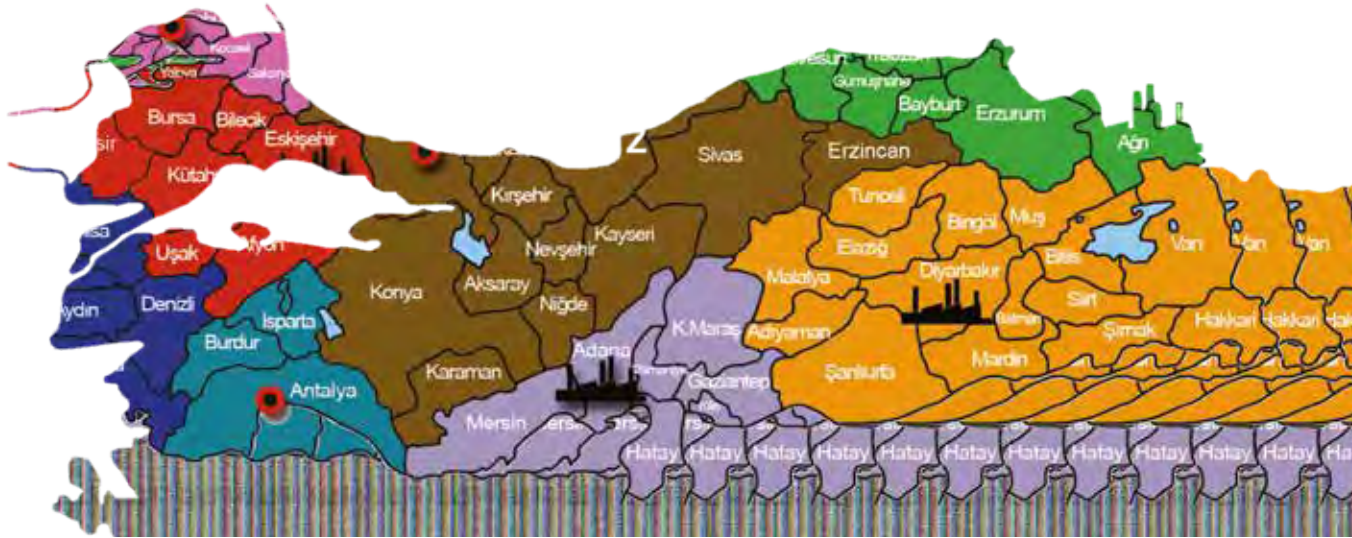
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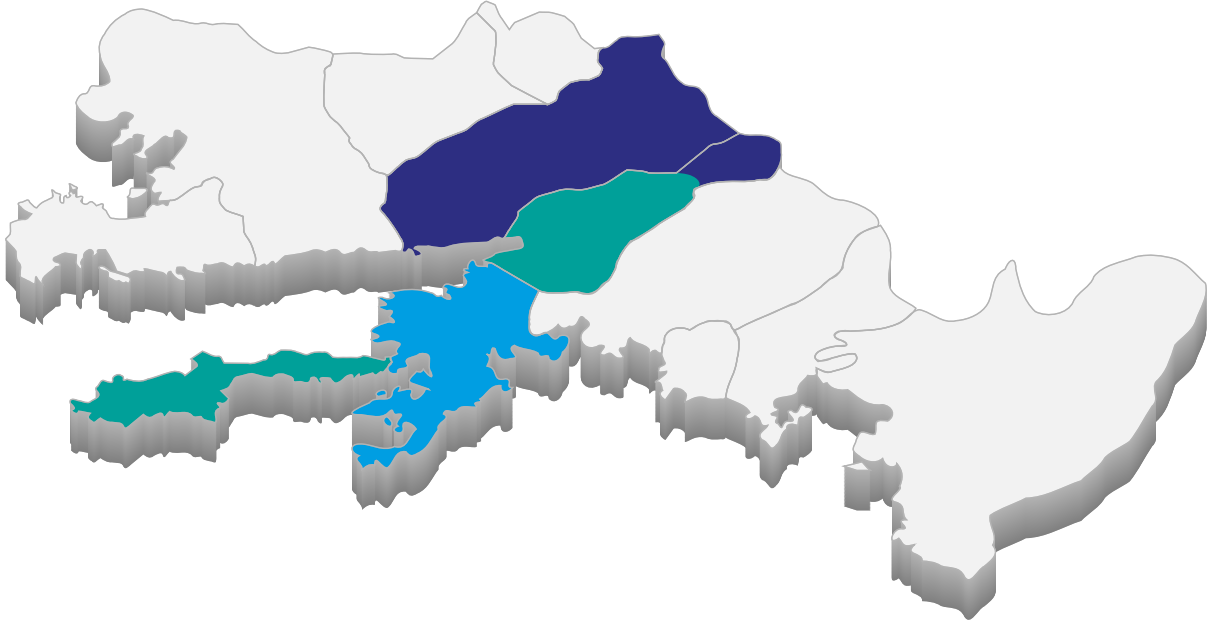
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