



OSMANLI VARSIL



“Building solution partner”



BITUMINOUS WATERPROOFING MEMBRANE

Description :

BITUMINOUS WATERPROOFING MEMBRANE are composed of APP or SBS modified bitumen, upper surface is coated by PE film, minerals or aluminium foil on two types of reinforcements which are fiberglass and non woven polyester mat.

Application :

FILIMİKAT is advised to be used as primer before BITUMINOUS WATERPROOFING MEMBRANE application. The consumption of primer strictly depends on porosity of the substrate and be approximately 0.2-0.3 l/m².

After primer application, membranes are heated by using torch and adhered to the surface immediately. Membranes should be overlapped 10 cm on the short sides and 15 cm on the ending points. If second layer is required, application should be done due to center alignment approach (50 cm from the short side, and 5meters from the long side).

Advantages:

It is flexible , moves with the building, it will last as long as the building lasts. It has very high adherence, It can be applied to the concrete wooden and metal surfaces

Uses :

Terrace roofs of buildings, curtain walls, foundations. Sloping concrete roofs, On light metallic and prefabricated roofs. It is only used in a single layer for insulation purposes against moisture in such wet spaces as bathrooms and kitchens and in foundations where there is no pressurized ground and surface water. Other than this, it is not used in a single layer. Please consult us for other application substrates.

Storage :

Store vertically in a cool and dry conditions (+5°C to +35°C). Protect rolls from the direct sun.

Surface Preparation :

The surface should be cleaned of any grease, dust, rust before any application.

Package :

Rolls of 1m wide and 10meters (3mm thickness), or 15 meters (2mm thickness) long.

Product Data	PC 200	PC 300	PP 200	PP 300	PP 400	PP 40M	OPC 2000	OPC 3000	OPP 2000	OPP 3000	OPP 4000	OPP 400M	OSC 2000	OSC 3000	OSP 3000	OSP 4000	OSP 40M
Length	15 m	10 m	15 m	10 m	10 m	10 m	15 m	10 m	15 m	10 m	10 m	10 m	15 m	10 m	10 m	10 m	10 m
Width	2 mm	3 mm	2 mm	3 mm	4 mm	4 mm	2 mm	3 mm	2 mm	3 mm	4 mm	4 mm	2 mm	3 mm	3 mm	4 mm	4 mm
Tensile Strength(long) N/50mm	300	300	600	600	800	800	300	300	600	600	800	800	400	400	800	800	800
Tensile Strength(trans) N/50mm	200	200	400	400	600	600	200	200	400	400	600	600	300	300	600	600	600
Elongation	2%	2%	30%	30%	35%	35%	2%	2%	30%	30%	35%	35%	2%	2%	35%	35%	35%
Low Temp. Flexibility	-5°C	-5°C	-5°C	-5°C	-5°C	-5°C	-10°C	-10°C	-10°C	-10°C	-10°C	-10°C	-20°C	-20°C	-20°C	-20°C	-20°C
Flow Resistance	110°C	110°C	110°C	110°C	110°C	110°C	110°C	110°C	110°C	110°C	110°C	110°C	100°C	100°C	100°C	100°C	100°C
Tearing Resistance	75N	75N	100N	100N	150N	125N	75N	75N	100N	100N	150N	125N	150N	150N	200N	250N	200N



BITUM ASTAR

Description :

İZOLASTIK BITUM ASTAR is Solvent-free, adhesion-improving primer, based on bitumen emulsion

Uses :

Before membrane applications

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations and cellar walls.

Can be used on all known and suitable mineral substrates as well as old pre-treated bituminous paints and thick coatings.

Advantages:

Environment-friendly, solvent free

Provides perfect surfaces for later applications in terms of dust and imperfections removal and adhesion .

Easy to apply

Surface Preparation :

The substrate must be sufficiently dry, level, stable, frost-protected, clean and without traces of oil, grease, tar, honeycombing, cracks, dust, dirt, residue mortar or other potential contaminants. Edges should be broken and inside joints rounded out with suitable material

Application :

İZOLASTIK BITUM ASTAR after diluted with 20% water and mix thoroughly can be applied with a bush or roll. Should not be applied to the wet and pooled surfaces.

Dosage :

As a primer 0,4 kg/m²

Storage :

Store in a cool and dry conditions (+5°C to +35°C). In closed original unopened packs, the material can be stored for approximately 1 year protected from direct sunlight and frost

Package :

17 lt pails

Product Data

Material base	Bitumen Emulsion
Color	Dark brown - black
Density Application	~ 1.05 g/cm ³
Temperature curing time	~ 4-5 hrs
Application Temperature	+5°C - +35°C



IZOLASTIK FILIMKAT

Description :

IZOLASTIK FILIMKAT is a water soluble high quality rubber bitumen waterproofing emulsion. With special additives and high stability.

Application :

IZOLASTIK FILIMKAT The primer can be applied by brush and spray equipment. With respect to weather, surface and application tool the product can be diluted with water. If additional layers are needed natural drying of product should be allowed.

Surface Preparation :

IZOLASTIK FILIMKAT The substrate should be slightly moist, frost-free, free of oil, tar and loose particles.

Dosage :

0,4-1 kg/m² for each layer, in case of layering layers should be applied perpendicular, drying time is 24 hours.

Uses :

Waterproofing of concrete structures, foundations, roofs (inclined&flat)
Bonding adhesive of polymer modified bitumen membranes

Storage :

Store in a cool and dry conditions (+5°C to +35°C). In closed original unopened pails, Shelf life of IZOLASTIK FILIMKAT the material can be stored for approximately 12 months.

Advantages:

Economical
Environmentally friendly due to its solvent-free structure.
Ability to be use at indoor applications

Package :

3 kg plastic pails, 15 kg of tin

Product Data	
Material base	Bitumen emulsion
Color	Dark Brown
Density Application	1.05 g/cm ³ ± 0,03
Solid Content	45%
Temperature curing time	~ 4-5 hrs
Application Temperature	+5°C - +35°C



IZOLASTIK

Description :

IZOLASTIK is a single component, stable, solvent-free, crack-bridging, polymer modified bitumen coating. Its Water soluble bridges cracks and resistant to ageing.

Uygulama :

IZOLASTIK is advised to apply as two layers. For the first layer, filling the cracks, bridging the gaps and repairing the surface should be the main purpose. Second layer is done for meeting the thickness expectations in order to protect whole surface. The consumption of first layer depends on porosity of the surface and be approximately 0.2-0.3 l/m². The consumption of the second layer is about 1.0-2.0 l/m².

Surface Preparation :

Substrates should be clean, smooth, sound, frost protected and free from adhesion diminishing residues of form oil, cement and loose materials.

Dosage :

Recommended application consists of 2 application perpendicular to each other and per 1 kg/m² layer

Kullanım Alanları :

Damp-proofing structures: to provide an impervious damp-proof membrane on concrete and brick. Maintenance of many types of roofs including built-up felt, asphalt, lead, zinc, aluminium, concrete, lightweight screeds, timber, slate, asbestos cement, corrugated iron, and as a vapour barrier.

Storage :

Store in a cool and dry conditions (+5°C to +35°C). In closed original unopened packs, the material can be stored for approximately 6 months.

Package :

4 kg of pails, 20 kg of pails, 200 kg of barrels

Advantages :

Environment-friendly, solvent free
Applicable as one layer without mesh
Easy to apply
Remains flexible at low temperatures
Resistant to acid soil and saltwater

Product Data	
Material base	Water soluble bitumen emulsion
Color	Dark brown - black
Solid Content Water	<60.0 %
Water tightness	Up to 3 bar
Density	1,05 ± 0,05 g/cm ³
Tensile Strength	2.00 N/mm
Miscibility	Water
Application Temperature	Between +5.0°C and +35.0°C



IZOSER

Description :

IZOSER is a solvent based, cold applied high quality bitumen primer

Uses :

It is used for preventing moisture on the floors and walls of foundations and basements.

When applied on side surfaces of buildings, it repels water and humidity, thus preventing any swelling, deformation of paint and formation of mould on the internal surfaces.

It is used as primer before bituminous coatings in basement and roof insulation.

It forms a waterproof layer when used with fiber glass, netting and bituminous cardboard.

It prevents decaying on vehicles when applied on metal surfaces in contact with water.

It prevents corrosion when used on metal surfaces under or above the ground.

Advantages:

Economical

Cold application

It strongly adheres to the surface where it is applied on (concrete, plaster, metal, etc.).

It starts drying very shortly after application and forms a waterproof layer on the surface.

Surface Preparation :

The substrate should be dry, frost-free, free of oil, tar and loose particles. Defects and cavities on substrate surface must be repaired with relevant mortars. Protruding mortar residues must be removed on substrate surface.

Application :

The primer can be applied by brush and spray equipment. With respect to weather, surface and application tool, the product can be diluted with thinner. If additional layers are needed natural drying of product should be allowed.

Dosage :

Consumption for waterproofing 1.00 – 1.50 kg/m²

Consumption for adhesive 0.20 – 1.00 kg/m²

Storage :

Store in a cool and dry conditions (+5°C to +35°C). In closed original unopened pails, the material can be stored for approximately 12 months.

Package :

3 kg of cans, 16 kg of pails, 200 kg of barrels, 1000 kg of containers.

Product Data	
Material base	Bitumen solution
Color	Black
Solid Content	<50.0 %
Density	1,08 ± 0,05 g/cm ³
Consumption for waterproofing	~ 1.00 – 1.50 kg/m ²
Consumption for adhesive	~ 0.20 – 1.00 kg/m ²
Drying time	~90 minutes
Application Temperature	Between +5.0°C and +35.0°C



IZO-KAP

Description :

IZO-KAP is a bitumen based, solvent containing, fiber reinforced, liquid waterproofing material that is resistant to UV-rays.

Surface Preparation :

Surface should be clean, dust free, oil free and dry.

Application :

IZO-KAP should be applied to the entire substrate with a brush, roller or spray. If the application will be done more than one coat, 12 hours of waiting time is required.

Advantages:

It is used for preventing moisture on the floors and walls of foundations and basement. It is used as primer before bituminous coatings in basement and roof insulation's. Applicable on horizontal and vertical substrates. Use for bitumen membrane repair, Resistance to various acids, chemicals, salty water and industrial gases.

Uses :

Cement based renders and screeds, Concrete, Bitumen membranes, Metal roofs and zinc roof gutters, Brick masonry substrates, Please consult us for other application substrates.

Storage :

Shelf life of IZO-KAP is 2 years from the production date in dry and moisture free frost free ambient. Package should be kept tightly closed when not in use.

Package :

4 kg plastic pails, 20 kg of Tin

Dosage :

1-1,5 kg/m² for each layer, in case of layering layers should be applied perpendicular, drying time is 24 hours.

Product Data	
Material base	Bitumen solution
Color	Black
Solid Content	<50.0 %
Density	1,08 ± 0,05 g/cm ³
Consumption for waterproofing	~ 1.00 – 1.50 kg/m ²
Consumption for adhesive	~ 0.20 – 1.00 kg/m ²
Curing (at +20°C)	~90 minutes
Application Temperature	Between +5.0°C and +35.0°C



IZO-FLEX

Description :

IZO-FLEX is a solvent based, polymer rubber and fiber glass modified, cold applied premium quality bitumen coating with high crack bridging and bituminous membrane repairing abilities.

Application :

Brush and spray equipment are suitable tool for applying the material. With respect to weather, surface and application tool, the product can be diluted with thinner. Multiple thin layers application should be preferred with respect to one thick layer. For additional layers, natural drying of product should be allowed.

Advantages:

Cold application
Repairing bituminous membranes
Crack-Bridging
Resistance to chemicals.
Applicable on horizontal and vertical substrates.
Resistance to external weather conditions and UV rays.

Uses :

It is used to provide waterproofing of vertical and horizontal surfaces, foundations, sub-base structures, roofs.
Cement based renders and screeds It is also a excellent repairing properties of prior liquid applications and bituminous membranes.

Storage :

Store in a cool and dry conditions (+5°C to +35°C). In closed original unopened pails, the material can be stored for approximately 24 months.

Package :

3 kg of cans, 20 kg of pails, 200 kg of barrels, 1000 kg of containers

Surface Preparation :

The substrate should be dry, frost-free, free of oil, tar and loose particles. Defects and cavities on substrate surface must be repaired with relevant mortars. Protruding mortar residues must be removed on substrate surface.

Product Data	
Content	Bitumen Solution
Color	Black
Solid Content	>70.0 %
Density	1,05 ± 0,05 g/cm ³
Application Temperature	Between +5.0°C and +35.0°C



ALUSER

Description :

ALUSER is a solvent based-cold applied bituminous waterproofing liquid containing reflective aluminium.

Application :

Before and during the ALUSER application, the product should be stirred well. The consumption strictly depends on weather, surface conditions, but generally consumption of 0.20-0.30 kg/m² is sufficient for effective result.

Surface Preparation :

The substrate should be frost-free, free of oil, tar and loose particles.

Advantages:

It contains water repellent components it forms a thin stable layer, after dried up Allows smooth and clean surface Cold application Wood, glass, metal, concrete application capability Reflecting UV Short drying time.

Uses :

On all bituminous coating and isolated surfaces which are required to be protected against UV radiation. In protecting the surfaces of metallic or cast elements such as tanks and pipes against corrosion. Reduces heat absorption via reflective aluminium.

Storage :

Shelf life of ALUSER is 24 months as of the production date in dry and moisture-free away from direct sunlight environment.

Package :

20 kg metal bucket

Dosage :

For optimum metallic appearance after application 0,3-0,5 kg/m²

Product Data

Material composition	Bitumen- Aluminium
Color	Black-Grey
Solid Content	<12.0 %
Density	1,05 ± 0,05 g/cm ³
Miscibility	Organic solvents
Application Temperature	Between +5.0°C and +35.0°C



IZO-SEM 2K

Description :

IZOSEM 2K is a two component, stable, solvent-free, crack-bridging, polymer modified bitumen coating. One component is modified bitumen emulsion, and second component is powder. IZOSEM 2K bridges cracks and resistant to ageing.

Application :

Primer application is advised before IZOSEM 2K application. The liquid component can be used as primer with dilution ratio of 1 volume bitumen based compound and 5 volume water in order to be applied by brush. The consumption of primer strictly depends on porosity of the substrate and be approximately 0.2-0.3 l/m².

Add the powder component to the liquid component and stir mixture extensively with appropriate stirring device until the mixture become lump free, and homogeneous. Electric drill with suitable stirrer can be used as stirring device. Mixture should be used in 1 to 2 hours. The time needed to apply the second layer depends on the ambient temperature, substrate characteristics, humidity, and thickness of previous layer.

Surface Preparation :

The substrate should be slightly contains moist or dry, frost-free, free of oil, tar and loose particles. Defects and cavities on substrate surface must be repaired with relevant mortars. Protruding mortar residues must be removed on substrate surface.

Uses :

- Waterproofing of sub-base concrete structures
- Waterproofing of foundations
- Waterproofing of floor plates
- Waterproofing for intermediate waterproofing of balconies, underneath screeds, wet and damp rooms
- Bonding adhesive of insulation board
- Bonding adhesive of drainage boards

Storage :

Store in a cool and dry conditions (+5°C to +35°C). In closed original unopened pails, the material can be stored for approximately 6 months.

Dosage :

1,5 kg/m² per layer minimum 2 layers

Advantages:

- Capability of crack bridging
- Solvent and asbestos free
- Suitable for both horizontal and vertical surfaces
- No sagging on vertical surfaces
- Resistant to rain after a short time
- Flexible structure
- Applicable for dry and partly damp surface

Product Data	
Material base	Two component; modified bitumen and the reactive powder component
Color	Black
Solid Content	<56.0 %
Density	1,2 ± 0,05 g/cm ³
Curing (at +20°C)	Pot life : ~90 minutes Drying time : ~3 days
Water tightness	Up to 5 bar
Consumption for waterproofing	~ 4.50 - 7.00 kg/m ²
Consumption for adhesive	~ 2 kg/m ²
Application Temperature	Between +5.0°C and +30.0°C
Max. thickness per layer	8.00 mm



OTOFILIM 1KAT

Description :

OTOFILIM1KAT is a bitumen rubber based under-body coating with very good adhesion on metal surfaces that gives an effective protection against corrosion.

Application :

Application can be carried out by brush or spray gun (5-6 pressure bar). Can be diluted with thinner.

Advantages:

Remains elastic with good adhesion
Protects against corrosion and rust
Non paintable
Remains elastic over a wide range of temperatures

Uses :

All types of metal surfaces that needs to be protected against corrosion

Storage :

Shelf life of OTOFILIM1KAT is 1 year, under conditions of dry, cool, and prevention of direct sunlight contact.

Package :

1 kg, 4 kg, 18 kg tin

Dosage :

1-1,25 kg/m²

Surface Preparation :

Surface should be clean, dust free, oil free and dry.

Product Data

Color	Black
Miscibility	Organic solvents
Application Temperature	Between +5.0°C and +35.0°C



IZO-RECINE

Description :

IZO RECINE is a highly elastic, water soluble liquid membrane. The product is ready to application and mainly composed of acrylic resin.

Application :

IZO RECINE is ready to use for application with a brush There should not be any waterhole on the surface of the floor.If there exists any waterhole, it should be filled by any cementitious slurry. Drying time is 24 hours for IZO RECINE.

Advantages:

Solvent free Ready to use
Highly flexible
Resistance to various acids, chemicals, salty water

Package :

3 kg pail, 8 kg pail

Uses :

Repairing the break and weathered points of all type of grouts
Mortar additive for waterproofing
Used in the top floor of the building even it is flat or slope
Waterproofing in pools and water carriers
Used as a liquid gasket in the joining points of prefabricated concrete buildings
Used where the transparent view is desired by the user
Used to cover every type of armored concrete

Storage :

It can be used 1 years from the date of production if the system stored properly and should be protected from frost.

Surface Preparation :

The surface should be cleaned imperfections and movable parts should be removed before the application of IZORECINE

Dosage :

1 kg/m² per layer minimum 2 layers

Product Data	
Material base	Acrylic resin based liquid membrane
Color	Transparent
Density	1,1 ± 0,05 g/cm ³
Dmax	0,4 mm
Water tightness	1 N/mm ²
Application Temperature	Between +5.0°C and +35.0°C



SU-KOD 106

Description :

SUKOD 106 is a water soluble, ready to use liquid membrane and mainly composed of acrylic resin.

Application :

SUKOD 106 should be diluted with 10% water to its brush applicable consistency advised to apply as two layers. For the first layer, Prepared primer is applied by brush or roll to the surface. Cracks, junctions, corners, and sides must be reinforced by suitable waterproofing mash after the application of first coat filling the cracks, bridging the gapes and repairing the surface should be the main purpose. Second layer is done for meeting the thickness expectations in order to protect whole surface.

The Mixture should be used in 0.5 to 1 hour. The time needed to application of the second layer depends on the ambient temperature, substrate characteristics, humidity, and thickness of previous layer. At normal conditions 24 hours (min.) are needed for over-coating.

Advantages:

Ready to use. It can be colored with appropriate pigment no more than 5% of the material Applied by brush. UV resistant.

Elastic even in low temperatures. Gives high adherence.

Easy and quick to apply. Resistant to freeze-thaw cycle.

Can be painted. Does not contain solvent.

Uses :

Used in the top floor of the building even it is flat or slope

Waterproofing in pools and water carriers

Used to cover every type of armored concrete

Since the color of SUKOD 106 is white, it can be used as paint above to the black waterproofing material. Thus it reinforced the waterproofing and lengthens the life of the insulation.

Storage :

12 months from date of production if stored properly in unopened and undamaged original sealed containers at temperatures between +5°C to +35°C at dry conditions. Protect from excessive temperature and frost.

Package :

18 lt pails

Surface Preparation :

Substrate must be clean, uniform, dry, free of dust, oil or grease and loose or weak particles.

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Dosage :

Recommended application consists of 2 application perpendicular to each other and per 1 kg/m² layer.

Product Data

Material base	Elastomeric resin
Color	White
Solid Content	<30.0 %
Density	1,2 ± 0,05 g/cm ³
Elasticity	%100
Miscibility	Water
Application Temperature	Between +5.0°C and +40.0°C



SU-KOD 107

Description :

SUKOD 107 is a water soluble, high quality ready to use liquid membrane and mainly composed of acrylic resin and reinforced with fibers.

Application :

SUKOD 107 should be diluted with 10% water to its brush applicable consistency, advised to apply as two layers. For the first layer, Prepared primer is applied by brush or roll to the surface. Cracks, junctions, corners, and sides must be reinforced by suitable waterproofing mash after the application of first layer filling the cracks, bridging the gapes and repairing the surface should be the main purpose. Second layer is done for meeting the thickness expectations in order to protect whole surface.

The Mixture should be used in 0.5 to 1 hour. The time needed to application of the second layer depends on the ambient temperature, substrate characteristics, humidity, and thickness of previous layer. At normal conditions 24 hours (min.) are needed for over-coating.

Surface Preparation :

Substrate must be clean, uniform, dry, free of dust, oil or grease and loose or weak particles.

Dosage :

Recommended application consists of 2 application perpendicular to each other and per 1 kg/m² layer.

Uses :

Used in the top floor of the building even it is flat or slope
Waterproofing in pools and water carriers

Used to cover every type of armored concrete

Since the color of SUKOD 107 is white, it can be used as paint above to the black waterproofing material. Thus it reinforced the waterproofing and lengthens the life of the insulation.

Storage :

12 months from date of production if stored properly in unopened and undamaged original sealed containers at temperatures between +5°C to +35°C at dry conditions. Protect from excessive temperature and frost.

Package :

1 lt, 3 lt 18 lt pails

Advantages:

Ready to use.

It can be colored with appropriate pigment no more than 5% of the material

Applied by brush.

UV resistant.

Elastic even in low temperatures.

Gives high adherence.

Easy and quick to apply.

Resistant to freeze-thaw cycle.

Can be painted.

Does not contain solvent.

Product Data

Material base	Elastomeric resin
Color	White
Solid Content	<30.0 %
Density	1,2 ± 0,05 g/cm ³
Elasticity	%150
Miscibility	Water
Application Temperature	Between +5.0°C and +40.0°C



KEPIR

Description :

KEPIR is a solvent-free, ready-to-use, easy to apply waterproofing material that is based on elastomeric resin. Water soluble KEPIR has crack-bridging and joint sealing nature.

Application :

Primer application is advised before KEPIR usage. IZO RECINE is a good choice as a primer. The consumption of IZO RECINE as a primer approximately 0.20-0.25 l/ m².

KEPIR is applied as main layer by using brush or spatula to the surface, and for effective application the consumption of 1,5 l/ m² (min) is advised. For higher thicknesses, second layer application can be needed. At normal conditions 2 hours (min.) are needed for over-coating.

Dosage :

1,5 l/ m² (min)

Uses :

Waterproofing of sub-base concrete structures, foundations, curtain walls, repairing of old bitumen based applications.

Storage :

Store in a cool and dry conditions (+5°C to +35°C). In closed original unopened packs, the material can be stored for approximately 6 months.

Package :

4 kg of pails
20 kg of pails
200 kg of barrels

Surface Preparation :

The surface should be cleaned of any grease, dust, rust before any action.

Product Data	
Color	Light Brown
Solid Content	<50.0 %
Density	1,15 ± 0,05 g/cm ³
Curing (at +20°C)	Pot life : ~1 hours (dep. on weather conditions)
Consumption for waterproofing	~ 1.50 - 2.50 kg/m ²
Application Temperature	Between +5.0°C and +35.0°C
Water tightness	Up to 5 bar
Tensile Strength	2.00 N/mm



IZOMAT 2K ELASTIC

Description :

IZOMAT 2K ELASTIK system, which is highly elastic and including fiber particles, consists of 10 kg of liquid part İZORECINE(A) and 20 kg of powder part İZOKRISTAL(B).

Application :

For each coat, 20 kg powder component should be slowly added to 10 kg liquid component and mixed with a low-speed mixer until it reaches a homogeneous state. After the mixture is aged for 2 minutes, it should be mixed again before application should be applied to the entire substrate with a brush or trowel in min 2 coats.

Application of each coat should be vertically performed to the previous coat. It should be waited for min 6 hours between the Coats Fabric reinforcement can be used between the layers optionally. The use of fabric reinforcement is suggested since fabric reinforcement increases the resistance of the hardened system against impact forces.

Dosage :

1,5 kg/m² per layer minimum 2 layers

Uses :

Bridging the cracks that occur in the terraces, roofs and walls
Bridges the shrinking cracks

The system used inside of the water storage tanks and pools (the direction of the positive pressure)

The system used as a waterproofing below the marbles, tiles and floor tiles.

Storage :

1 year from the production date in dry and moisture free ambient. Package should be kept tightly closed when not in use. The liquid component should be protected against frost.

Surface Preparation :

Substrates should be clean, damp, smooth and sound. The major deformations and holes on substrate should be repaired.

Advantages:

Safe use at wet areas, balcony terraces, swimming pools

Fast transition advantage to tiling application

Wide range of application with its extra elastic structure

Practical and easy application

Product Data	
Color	Grey
Solid Content	<66.0 %
Density	1,8 ± 0,05 g/cm ³
Dmax	0,4 mm
Water tightness	1 N/mm ²
Application Temperature	Between +5.0°C and +35.0°C



IZOMAT 2K

Description :

IZOMAT 2K is a system, which is highly elastic and including fiber particles, consists of 6kg of liquid part IZORECINE(A) and 19kg of powder part IZOKRIS-TAL(B).

Application :

For each coat, 20 kg powder component should be slowly added to 10 kg liquid component and mixed with a low-speed mixer until it reaches a homogeneous state. After the mixture is aged for 2 minutes, it should be mixed again before application should be applied to the entire substrate with a brush or trowel in min 2 coats. Application of each coat should be vertically performed to the previous coat. It should be waited for min 6 hours between the coats. Fabric reinforcement can be used between the layers optionally. The use of fabric reinforcement is suggested since fabric reinforcement increases the resistance of the hardened system against impact forces.

Advantages:

- Safe use at wet areas, balcony terraces, swimming pools
- Fast transition advantage to tiling application.
- Wide range of application with its elastic structure.
- Practical and easy application
- Non-corrosive to steel or iron & over-paintable

Uses :

- Bridging the cracks that occur in the terraces, roofs and walls
- Sewage treatment facilities including concrete tanks, digestors, clarifiers etc.
- Bridges the shrinking cracks
- The system used inside of the water storage tanks and pools (the direction of the positive pressure)
- The system used as a waterproofing below the marbles, tiles and floor tiles.

Storage :

1 year from the production date in dry and moisture free ambient. Package should be kept tightly closed when not in use. The liquid component should be protected against frost.

Dosage :

1,5 kg/m2 per layer with minimum 2 layers

Surface Preparation :

Substrates should be clean, damp, smooth and sound. The major deformations and holes on substrate should be repaired.

Package :

- Component A (liquid): 6kg of pail
- Component B (powder): 19kg of bag

Product Data	
Color	Grey
Solid Content	<66.0 %
Density	1,8 ± 0,05 g/cm3
Dmax	0,4 mm
Water tightness	1 N/mm2
Application Temperature	Between +5.0°C and +35.0°C



PLASTER PRIMER

Description :

PLASTER PRIMER is an acrylic co-polymer based dispersion used to prime and seal concrete or mortar substrates, prior to underlayment mortar application.

Application :

Mixture is prepared 3 parts PLASTER PRIMER 1 part water until there are no lumps and mixture is homogeneous, can be applied with a brush one layer. Drying time is 1-4 hrs depending on climactic conditions.

Advantages:

- Effectively seals concrete surfaces in a single, economic operation, preventing water loss into the substrate, bubbles forming in the screed.
- Useful for internal or external applications and wet areas
- Solvent free
- Odourless
- Chloride free-does not attack reinforcement
- Easy to apply

Uses :

- As a primer for leveling layers
- As a primer for ceramic and tile adhesives
- Primer for mortar applications on cement plates, gypsum and concrete boards

Storage :

It can be used 1 year from the date of production if the system stored properly in unopened original sealed packaging and should be protected from frost.

Package :

18 lt plastic drum

Dosage :

150-250 gr/m²

Surface Preparation :

The surface must be cleaned and freed from dust. There should not be any friable and mobile particle on the surface. Finally the surface must be moisturized before the application.

Product Data	
Material base	Acrylic resin emulsion
Color	Transparent
Density of mixture	~1,5 g/cm ³
Application Temperature	Between +5.0°C and +30.0°C



TELRA CONCRETE PLASTICIZER

Description :

TELRA CONCRETE PLASTICIZER is a concrete admixture which either improves the workability of the concrete or helps the achievement of the same workability with less gauging water

Application :

Recommended dosage rate is between 0.2% and 0.5% by weight of binder (200–500 g for 100 kg binder). Exact dosage rates are dependent on quality of binder and aggregate, Water/Binder ratio and ambient temperature. Therefore, it is advisable to carry out trial mixes to establish the exact dosage rate required. When it is used upper limits of recommended dosage, provides long workability times in hot climates.

Advantages:

- Water reduction without the risk of segregation
- Substantial improvement in workability without increased water
- Improved placing behaviour because of plasticizing effect
- Improves ultimate strengths
- Lower water content of the mix provide decreased permeability
- Increases durability of concrete
- Reduces shrinkage and creep

Uses :

- Floor slabs, foundations
- Ready mix concrete production
- Walls, beams and columns

Storage :

12 months from date of production if stored properly in original and unopened packaging (drums, containers) at temperatures between +5°C and 35 °C protect from direct sunlight and frost

Dosage :

0.4% and 0.7% by weight

Package :

20 lt pail

Product Data	
Material base	Lignin-Polymer Solution
Color	Brown
Density	1,1 ± 0,05 g/cm3
Dmax	0,4 mm
Ph	6-7
Chloride content	≤ %0.1
Consumption	%0.4-0.7 of cement



TELRA SET ACCELERATING ADMIXTURE

Description :

TELRA SET ACCELERATING ADMIXTURE provides acceleration on the curing time of concrete and mortar.

Application :

TELRA SET ACCELERATING ADMIXTURE is ready to use, should be added to mixing water 1 to 3 percent of the cement quantity.

Dosage :

- For 1 bag of cement (50 kg) 0,5-1,5 kg
- For 1 m3 ready concrete 2-6 kg
- For 1 concrete mixer (8-10 m3) 10-30 kg

Advantages:

- It provides early stripping
- It accelerates the curing for first 24 hours.
- It increases the strength of concrete.
- Since it protects the consistency of the concrete, it prevents the loss of slump.

Uses :

- Pouring of concrete during the low temperature and winter time conditions
- When rapid curing and stripping early necessary
- For use in the production of prefabricated elements
- During production of serial concrete elements on a wide application area

Storage :

1 year from the production date in dry and moisture free ambient. Package should be kept tightly closed when not in use. The liquid component should be protected against frost.

Package :

4 kg and 24kg plastic drum

Product Data	
Color	Light yellow
% Chlorine	< 0,01
Density	1,25 ± 0,05 g/cm3
Application Temperature	Between +5.0°C and +30.0°C



KATALIZ-1

Description :

KATALIZ-1 supplies waterproofing by filling the capillary blanks and pores that are occur in concrete and cement mortars.

Application :

KATALIZ-1 uses by adding the mixing water that mixes with cement and aggregate. Be sure that the material in the package is homogeneous by shaking.

1. Application type: Adding the mixing water. (The quantity of the material should be 1/10 of the mixing water. 1 unit of KATALIZ-1 for 10 unit of water)
2. Application type: 2 kg of KATALIZ-1 for every bags of cement (1 bag of cement= 50 kg)

According to the moisture of aggregate, the quantity of KATALIZ-1 should be increased.

Package :

.4 kg, 24 kg ve 34 kg plastic drum

Uses :

It is suitable for waterproofing most types of masonry or concrete structures subjected to hydro-static water pressure such as tunnels

- Basements
- Water reservoirs
- Swimming pools
- Manholes
- Culverts and canals

Storage :

1 year from the production date in dry and moisture free ambient. Package should be kept tightly closed when not in use. The liquid component should be protected against frost.

Advantages:

- Safe use at wet areas, balcony terraces, swimming pools
- Fast transition advantage to tiling application.
- Wide range of application with its extra elastic structure.
- Practical and easy application

Product Data	
Color	White
Density	1,2 ± 0,05 g/cm ³
PH	8
Application Temperature	Between +5.0°C and +30.0°C



KATALIZ-2

Description :

KATALIZ-2 is a extra quick setting admixture for mortar that sets approximately 20 seconds after mixing with dry cement.

Application :

KATALIZ-2 is ready to use in its package. It should be mixed with cement without aggregate. After mixing KATALIZ-2 with cement, do not mix any other material like water. If the infiltration is not pressurized, coat the surface by KATALIZ-2 only. After that sprinkle the dry cement on it. Lastly fix the surface by using hand shovel. This application can be done several times until getting a regular surface.

Package :

4 kg and 24kg plastic drum

Uses :

Especially the pressurized infiltration from concrete
The drying the areas that are fill with water or drying the areas
That are highly moisturized before pouring the concrete

Storage :

1 year from the production date in dry and moisture free ambient. Package should be kept tightly closed when not in use.
The liquid component should be protected against frost.

Advantages:

It provides extra quick setting.
It stops the pressurized water that comes from surface.
Easy to use.
Ready to use

Product Data	
Color	Transparent
Density	1,25 ± 0,05 g/cm3
Application Temperature	Between +5.0°C and +35.0°C



KATALIZ-3

Description :

KATALIZ-3 is a safe chloride free admixture for preventing concrete from freezing at low temperatures while accelerating setting time.

Application :

KATALIZ-3 is used by adding it to the the mixing water cement and aggregate Be sure that the material in the package is homogeneous by shaking. KATALIZ-3 should be added to mixing water 1 percent of the cement quantity. Extra addition cause more quick setting. To prevent the loss of the first heat of hydration from the system, it should be recommended to use BETON KUR above the concrete.

Advantages:

By accelerating the curing time, it provides quick setting. It prevents concrete to get frozen. Increases the first and last strength of concrete. Ready to use. Easy to use.

Uses :

KATALIZ-3 provides progressing of concrete working when suspending of concreting is necessary in risky cold or freezing following conditions Slight daytime frost
Expected overnight frost
Expected cold periods

Application :

KATALIZ-3 is used by adding it to the the mixing water cement and aggregate Be sure that the material in the package is homogeneous by shaking. KATALIZ-3 should be added to mixing water 1 percent of the cement quantity. Extra addition cause more quick setting. To prevent the loss of the first heat of hydration from the system, it should be recommended to use BETON KUR above the concrete.

Package :

4 kg and 24kg plastic drum

Product Data	
Color	Light yellow
Density	1,25 ± 0,05 g/cm3
PH	5
Freezing point	-12°C
Application Temperature	Between +5.0°C and +35.0°C



KATALIZ-4

Description :

KATALIZ-4 provides sudden accurate curing after mixing with cement.

Uses :

- Plugging the inflations with low pressurized
- Application of mortar on the surfaces where the water inflation occurs
- The elevator dip that fills with water
- Drying the water that occurs building foundations
- Pouring of concrete to the areas inside the water

Advantages:

- Sudden curing material (not rapid curing)
- While mixing cement with purely, it provides accurate curing in 4 minutes.
- Does not include chlorine and sulfate.
- The cured concrete does not affected by activated liquids.

Application :

KATALIZ-4 should be applied to hollow where the low pressurized inflation occurs, after mixing with cement. If the infiltration is not pressurized, coat he the surface by KATALIZ-4 purely. After that sprinkle the dry cement on it. Lastly fix the surface by using hand shovel. This application can be done several timesi till getting regular surface.

To apply the pouring of concrete inside the water, be sure that the mould arrives the hard surface. After that, the pour the concrete that is prepared by using KATALIZ-4, inside the moulds. .

Storage :

1 year from the production date in dry and moisture free ambient. Package should be kept tightly closed when not in use.

The liquid component should be protected against frost.

Package :

4 kg and 24kg plastic drum

Product Data	
Color	Transparent
PH	10
Density	1,25 ± 0,05 g/cm3
Application Temperature	Between +5.0°C and +35.0°C



ADHERENCE ADDITIVE

Description :

ADHERENCE ADDITIVE is an admixture of naphthalene salts, acrylic dispersion and polymer solution when used in mortar and plastering contributes to the ease of use and water impermeability.

Uses :

It can be added to every kind of mortar and plaster

Advantages:

Keeps the plaster soft
Increases the adherence of the mortar to the application surface

Surface Preparation :

The surface must be cleaned and freed from dust. There should not be any friable and mobile particle on the surface. Finally the surface must be moisturized before the application.

Application :

Mix with the desired amount of concrete mixture.

Dosage :

2% of the amount of cement used

Storage :

It can be used 1 year from the date of production if the system stored properly in unopened original sealed packaging and should be protected from direct sunlight.

Package :

4 kg ve 24 kg plastic drum

Product Data	
Material base	Liquid
Color	Transparent
Density of mixture	~1,05 g/cm ³
PH	8
Application Temperature	Between +5.0°C and +30.0°C



BETON KUR

Description :

BETON KUR is an acrylic resin based, water soluble curing coating that prevents fast evaporation of water mixture and so minimizes the risk of crack formation on the surface via forming a guarding water vapor impermeable film on the substrates during the concrete, screed and surface hardeners applications.

Uses :

- Business and residential buildings, stores
- Retaining walls
- Car ways, car parks, garages, aprons
- Water canals.
- Concrete applications that needs curing

Advantages:

- Easy to use and ready to use.
- Increases frost resistance
- Helps to achieve desired properties for concrete
- Reduces surface dust
- Reduces cracking of concrete
- More effective and less costly than water wetting method.
- Provides more homogeneous color on concrete.

Surface Preparation :

Application surface should be clean, dust free, oil free.

Application :

BETON KUR is ready to use, and can be applied by gun or roller&brush. For spray gun applications, the distance between gun nozzle and surface should be take into consideration in order to prevent accumulations and damaging concrete.

Dosage :

Approx. 0,20-0,25 kg/m² (depends on ambient temperature and surface)

Storage :

Shelf life of BETON KUR is 1 year, under conditions of dry, cool, and prevention of direct sunlight contact and frost.

Package :

22 kg plastic pail

Product Data	
Content	Acrylic emulsion
Color	White in package, transparent after application
Density	~1.07 g/cm ³ ± 0,05
Curing Time	~1 hour (+25°C)
Application Temperature	+5°C - +35°C



WOODEN MOULD RELEASE AGENT

Description :

WOODEN MOULD RELEASE AGENT is a water miscible, concentrated mineral oil emulsion.

Uses :

All types of moulds, such as wooden moulds, plastic moulds.

Advantages:

It contains water repellent components.
Extends life of formwork.
It forms a thin stable layer, after dried up.
Allows smooth and clean surface.

Surface Preparation :

Mould surfaces should be dry and clean before application.

Application :

Product is in concentrated form and can be diluted 1:3 to 1:5 by adding water to the concentrate. After the dilutions is ready, it can be applied by spray gun, brush or roller.

Dosage :

With 1 kg of WOODEN MOULD RELEASE AGENT ;
Absorbent surfaces : approx. 40 m² surface can be coated
Non-absorbent surfaces : approx. 80 m² surface can be coated

Storage :

Shelf life of WOODEN MOULD RELEASE AGENT is 1 year, under conditions of dry, cool, and prevention of direct sunlight contact.

Package :

18 lt plastic bucket

Product Data

Color	Yellow
Solid Content	<12.0 %
Density	0,8 ± 0,05 g/cm ³
Miscibility	Water
Application Temperature	Between +5.0°C and +35.0°C



STEEL MOULD RELEASE AGENT

Description :

STEEL MOULD RELEASE AGENT It is ready to use, mineral oil based, mould release agent giving smooth and even surface to the concrete and releasing the mould from the fresh concrete easily.

Uses :

Especially for smooth, non-absorbent or low-absorbent formworks Steel, plastic, ply-wood formworks in applications requiring more efficient formworks In case of fast and easy striking is necessary.

Advantages:

Easy and clean striking of formwork Extends life of formwork. Provides more smooth concrete surfaces with good appearance Reduced formwork costs and workmanship.

Surface Preparation :

Mould surfaces should be dry and clean before application.

Application :

The ambient temperature should be between +5 °C and +35 °C, exposures to the conditions outside of these temperatures might cause drying out, can be thinned with proper organic solvents. It is ready to use. For maximum benefit from the product, the material should be applied in a thin layer. Since excessive oil use will cause stain on concrete, excessive oil on the substrate should be made in ideal amount with sponge or similar material.

Dosage :

With 1 lt of STEEL MOULD RELEASE AGENT ; Absorbent surfaces : approx. 20 m2 surface can be coated Non-absorbent surfaces : approx. 40 m2 surface can be coated.

Storage :

Shelf life of STEEL MOULD RELEASE AGENT is 24 months as of the production date in dry and moisture-free environment provided that packages will not be opened and kept between 5 °C and 35°C.Package should be kept tightly closed when not in use.

Package :

18 lt tin bucket

Product Data

Color	Clear yellow
Density	0,88 ± 0,05 g/cm3
Miscibility	Organic solvents
Application Temperature	Between +5.0°C and +35.0°C



MOULD RELEASE AGENT-KA2

Description :

MOULD RELEASE AGENT-KA2 is a mixture of high quality mineral oil and emulgators which can be diluted with water.

Uses :

Wooden moulds (diluting with water).
Plywood moulds.

Advantages:

Fast and easy release of mould from the concrete.
Smooth concrete substrate.
Increases service life of moulds.

Surface Preparation :

Moulds should be clean and dry, there should not be chemical residuals from previous application for good performance.

Application :

It is ready to use material but it is advised that before using the material shake it slightly. It can also diluted by water. The maximum WATER / MOULD RELEASE AGENT-KA2 ratio must be 2. Do not dilute the releasing agent more. Material can be used by brush. The used material on the molds should be protected from rain.

Dosage :

~150 gr/m² (depends on surface)

Storage :

2 year from the production date in dry and moisture free ambient. Package should be kept tightly closed when not in use. The liquid component should be protected against frost.

Package :

30 lt oil drum and 200 lt barrel

Product Data

Color	Dark yellow
Material base	Mineral oil
Density	0,9 ± 0,05 g/cm ³
Consumption	~150 gr/m ²
Application Temperature	Between +5.0°C and +35.0°C



REM - 100

Description :

REM 100- is an one component, cement based, polymer modified, quickly hardened repairing grout used as a finishing coat.

Uses :

- Repairs the FIBER CONTAINING REPAIRING GROUT used surfaces
- Damaged places of concrete and mortar
- Damaged places of prefabricated buildings
- Surface before using ceramic tiles, marbles

Advantages:

- One component
- Only needed to mix with water
- Easy to use by user
- Consistency can be adjustable by the water quantity
- Non-toxic material

Surface Preparation :

The surface must be cleaned and freed from dust. There should not be any friable and mobile particle on the surface. Finally the surface must be moisturized before the application.

Application :

For 20 kg bag should be mix with approximately 4-5,5 liters of water. But it is suggested that do not mix the entire bag in one go because the time of hardening of REM-100 is short if it is compared with the classical grouts. Only needed amount of powder should be mixed with sufficient water. Pour the correct amount of water in a vessel. Add powder while mixing the water. For small amounts, the sufficient water can be added after the powder was poured in to the vessel. The consistency can be easily adjustable by the water quantity. The application temperature effects the hardening time. Hardening time will be shortening if the temperature is higher than application temperature and vice versa. Do not expose the material direct and strong sunshine.

Dosage :

1,5 - 2,0 kg/m²

Storage :

It can be used 6 months from the date of production if the system stored properly in unopened original sealed packaging and should be protected from moisture.

Package :

25 kg of bag.

Product Data	
Material base	One component ; polymer modified, cementitious finishing coat
Color	Light Grey
Density of mixture	~2 g/cm ³
Dmax	0.4 mm
Curing (at +20°C)	Pot life : ~30 minutes Drying time : ~1 days
Layer thickness	Min 1 mm- Max 3 mm
Compressive strength	7 days 20-25 N/mm ²
Application Temperature	Between +5.0°C and +35.0°C



REM - 200

Description :

REM 200- is an one component, cement based, polymer modified, quickly hardened repairing grout used as a finishing coat.

Uses :

- Repairs the FIBER CONTAINING REPAIRING GROUT used surfaces
- Damaged places of concrete and mortar
- Damaged places of prefabricated buildings
- Surface before using ceramic tiles, marbles

Advantages:

- One component
- Only needed to mix with water
- Easy to use by user
- Consistency can be adjustable by the water quantity
- Non-toxic material

Surface Preparation :

The surface must be cleaned and freed from dust. There should not be any friable and mobile particle on the surface. Finally the surface must be moisturized before the application.

Application :

For 20 kg bag should be mix with approximately 4-5.5 liters of water. But it is suggested that do not mix the entire bag in one go because the time of hardening of REM-100 is short if it is compared with the classical grouts. Only needed amount of powder should be mixed with sufficient water. Pour the correct amount of water in a vessel. Add powder while mixing the water. For small amounts, the sufficient water can be added after the powder was poured in to the vessel. The consistency can be easily adjustable by the water quantity. The application temperature effects the hardening time. Hardening time will be shortening if the temperature is higher than application temperature and vice versa. Do not expose the material direct and strong sunshine.

Dosage :

1,5 - 2,0 kg/m²

Storage :

It can be used 6 months from the date of production if the system stored properly in unopened original sealed packaging and should be protected from moisture.

Package :

25 kg of bag.

Product Data	
Material base	One component ; polymer modified, cementitious finishing coat
Color	Light Grey
Density of mixture	~2 g/cm ³
Dmax	2.5mm
Curing (at +20°C)	Pot life : ~30 minutes Drying time : ~1 days
Layer thickness	Min 1 mm- Max 3 mm
Compressive strength	7 days 20-25 N/mm ²
Application Temperature	Between +5.0°C and +35.0°C



REM - 400

Description :

REM 400- is an one component, cement based, polymer modified, chloride free quickly hardened shrinkage reducing admixture

Uses :

- To grout bearings, machine foundations,
- Columns joints in precast construction
- To grout anchors in concrete
- To grout cavities, gaps and voids in concrete

Advantages:

- Impact- and vibration resistant
- Very good flow characteristics
- Easy to use (ready to mix powder)
- Rapid strength development
- High final strengths

Surface Preparation :

The surface must be cleaned and freed from dust. There should not be any friable and mobile particle on the surface. Finally the surface must be moisturized before the application.

Application :

The concrete substrates should be pre-soaked with clean water continuously for 2 - 6 hours to ensure a saturated surface dry condition throughout the operation. Water / REM 400 rate should not exceed 1,5/5 inside of this rate mix REM 400 with water until reached desired consistency. Use the mixture immediately, after pouring be sure that there are no entrapped air.

Dosage :

Varies depends on the application

Storage :

It can be used 6 months from the date of production if the system stored properly in unopened original sealed packaging and should be protected from moisture.

Package :

25 kg of bag.

Product Data	
Material base	One component ; polymer modified, cementitious finishing coat
Color	Light Grey
Density of mixture	~1.8 g/cm ³
Dmax	2.5mm
Curing (at +20°C)	Pot life : ~30 minutes Drying time : ~1 days
Layer thickness	Min 20 mm- Max 100 mm
Application Temperature	Between +5.0°C and +35.0°C



REM - 450

Description :

REM 450- is Cement based, high performance, high fluid, non-shrinking, and climates features resistant grout mortar

Uses :

- To grout bearings, machine foundations,
- Columns joints in precast construction
- To grout anchors in concrete
- To grout cavities, gaps and voids in concrete

Advantages:

- Easy to use (ready to mix powder)
- Easy to mix, only add water
- Adjustable consistency
- Very good flow characteristics
- Rapid strength development
- High final strengths
- Initial expansion by gas generation
- Impact- and vibration resistant
- Non-corrosive
- Not flammable, non-toxic
- Shrinkage compensated

Surface Preparation :

The surface must be cleaned and freed from dust. There should not be any friable and mobile particle on the surface. Finally the surface must be moisturized before the application.

Application :

25 kg bag REM 450 should be put in the container with 3,75- 4,25 lt clean water, slowly and should be mixed with low-speed mixer about 3-4 minutes until homogeneous state is achieved.
 Avoid adding water to the mortar after it begins to harden. The mixture should be aged for 2 minutes. REM 450 in fluid form should be poured from one side of mold in case of mold applications which is prepared before without break, so air compression in the mixture should be prevented.

Dosage :

Varies depends on the application

Storage :

It can be used 6 months from the date of production if the system stored properly in unopened original sealed packaging and should be protected from moisture and frost.

Package :

25 kg of Kraft bag.

Product Data	
Material base	One component ; polymer modified, cementitious finishing coat
Color	Light Grey
Density of mixture	~1.8 g/cm ³
Dmax	2.5mm
Curing (at +20°C)	Pot life : ~30 minutes Drying time : ~1 days
Layer thickness	Min 10 mm- Max 70 mm
Application Temperature	Between +5.0°C and +35.0°C



REM - 500

Description :

REM 500- is an one component, cement based, polymer modified, surface hardening mortar increasing substrate resistance on industrial floors.

Uses :

- Indoor and outdoor floorings;
- Warehouses,
- Workshops,
- Parking lots,
- Service stations,
- Industrial building floors,
- Houses,
- Offices

Advantages:

- Enables smooth and homogeneous substrate.
- Prevents abrasion against mechanic loads.
- Increases resistance against impacts.
- Delays substrate dusting.
- Easy application on bearing concrete

Surface Preparation :

The substrate of new concrete of application should not be finished with steel trowel or tray finish and should have been leveled with wooden trowel. You should wait until bearing concrete becomes fit for bearing concrete. The proper time is that concrete should have been hardened as 0,5-1,5 cm foot print will seen on the concrete.

Application :

REM 500 is distributed on the entire substrate via scattering, homogenous distribution should be ensured as much as possible for the first 3 kg of REM 500 This process can be done manually or with a special scattering equipment. You should wait until the material scattered will change its color by absorbing the water of concrete. REM 500 changing its color scattering homogenously and absorbing water is compressed with tray finish and integrated with concrete. Then 2kg REM 500 scattered on top of this layer finishing starts and this process continues until the desired brightness is achieved using rotary trowel.

Dosage :

~5,0 kg/m²

Storage :

It can be used 6 months from the date of production if the system stored properly in unopened original sealed packaging and should be protected from moisture and frost .

Package :

25 kg Kraft bag.

Product Data	
Material base	One component ; polymer modified, cementitious surface hardener
Color	Light Grey
Density of mixture	~1.8 g/cm ³
Dmax	2.5mm
Application Temperature	Between +5.0°C and +35.0°C



REM - 300 Y

Description :

REM 300 Y is a cement based polymer modified Panel Adhesive (XPS, EPS and Plaster Board) and thermal sheeting adhesive

Uses :

Installation of the xps, eps, plaster board, polystyrene and decorative panels on various building materials,
Damaged places of concrete and mortar

Advantages:

Safe and durable adhesion with polymer additive.
Increased application time.
Safer application in wet areas.

Surface Preparation :

The surface must be cleaned and freed from dust. There should not be any friable and mobile particle on the surface. Finally the surface must be moisturized before the application.

Application :

Average 6 lt water and 25 kg REM 300 Y should be mixed with low-speed mixer preferably or trowel until no more lump will remain. After aging REM 300 Y for 5 minutes, it should be mixed for further 1-2 minutes before application. The mortar should be applied on the substrate and its thickness should be adjusted with steel notched trowel.

Dosage :

3,5 - 4,0 kg/m²

Storage :

It can be used 6 months from the date of production if the system stored properly in unopened original sealed packaging and should be protected from moisture and frost.

Package :

25 kg of bag.

Product Data

Product Data	
Material base	One component ; polymer modified, cementitious panel adhesive
Color	Light Grey
Density of mixture	~1.6 g/cm ³
Dmax	0.8mm
Flexural strength	~ 4 N/mm ²
Layer thickness	Min 3 mm- Max 10 mm
Compressive strength	7 days 20-25 N/mm ²
Application Temperature	Between +5.0°C and +35.0°C



REM - 350 S

Description :

REM 350 S is a cement based polymer modified fiber reinforced special plaster which is used for plastering boards (XPS, EPS, mineral wool and Plaster Boarding external and interior applications

Uses :

For plastering the heat insulation board surface
 For plastering on concrete, gas concrete, hollow foam at interior and exterior surfaces

Advantages:

Easy to apply
 Has high impact resistance due to polymer additive
 Paint can be directly applied
 Not sensitive to temperature changes less likely for cracks to form because of the Fibrous formula

Surface Preparation :

The surface must be cleaned and freed from dust. There should not be any friable and mobile particle on the surface. Finally the surface must be moisturized before the application.

Application :

Average 6 lt water and 25 kg REM 300 Y should be mixed with low-speed mixer preferably or trowel until no more lump will remain. After aging REM 300 Y for 5 minutes, it should be mixed for further 1-2 minutes before application. The mortar should be applied on the substrate and its thickness should be adjusted with steel notched trowel. Second layer should be applied after plaster mesh buried inside of the fist coating for extra strength.

Dosage :

5 kg/m²

Storage :

It can be used 6 months from the date of production if the system stored properly in unopened original sealed packaging and should be protected from moisture and frost.

Package :

25 kg of Kraft bag.

Product Data	
Material base	Cement based fiber reinforced plaster
Color	Light Grey
Density of mixture	~1.6 g/cm ³
Dmax	0.8mm
Layer thickness	Min 3 mm- Max 10 mm
Adhesion strength to insulation board	0,08 N/mm ²
Application Temperature	Between +5.0°C and +35.0°C



VARSIL CEILING PAINT

Description :

VARSIL is an economy interior acrylic emulsion paint for walls and ceilings. Available in matt finish. Waterborne Ceiling Paint provides a luxurious, uniform matte flat finish that softly reflects light and hides minor surface imperfections. It is formulated for easy, spatter-resistant application, dries quickly, and provides excellent hiding a 100% acrylic, premium quality white paint formulated without the addition of petroleum based or organic solvents eliminating the emissions of volatile organic compounds (VOC's) into the air.

Uses :

Recommended for use on properly prepared interior ceilings, drywall, plaster, masonry, wood, metal and previously painted surfaces

Advantages:

Excellent coverage and hide
Reflects light and hides minor imperfections
Spatter-resistant application
Fast dry
Dries to a uniform, flat finish
Virtually odourless during and after application
Formulated without Harmful Chemicals - Free from harmful chemicals such as APEO, formaldehyde, heavy metals and has low volatile organic compound (VOC).

Surface Preparation :

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Application :

VARSIL Two topcoats are recommended on all surfaces for better durability and appearance. Thin before use 20 percent Mix thoroughly before use. Apply using brushes, rollers or spray equipment.

Dosage :

With 11-15 m² per liter

Storage :

Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Package :

3,5 10 and 17 kg pails

Product Data	
Color	White
Composition	Acrylic paint
Application Method	By brush, roller, airless spray or conventional spray.
Solids by Weight	51% (+/- 1%)
Practical Coverage	6-7 m ² /kg



17.Sokak No:20 KOSBİ Kemalpaşa / İZMİR / TURKEY

+90 (232) 360 10 80

info@osmanlivarsil.com

www.osmanlivarsil.com

