

Specialist for new technology



Insulation Materials & Special Paints



We produce tomorrows technology, not todays

IZ- 510 Binder Primer

General Characteristics: Pure acrylic based transparent primer.

When applied to old and new surfaces such as plaster, gross concrete, brick and chipboard etc. Prevents absorption by saturating the surface.

If used as an under-coat on old water based painted surfaces internally and externally it maintains the fitting; ensures the water based paint on which it will be applied is defect-free.

* White color before application, after drying, it takes on a transparent, bright appearance.

* Binder Primer is a necessary undercoating material for acrylic based paints.

* Water resistant and highly capable of adhesion to the surface.

* Never cracks and pours out.

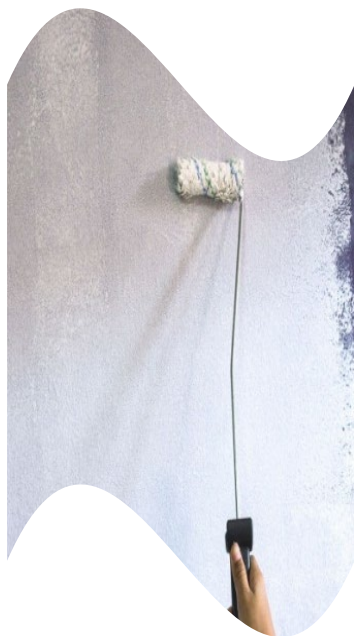
* Its vapor diffusion (breathing) is high.

* Water resistant and reduces the use of topcoat paints.

Consumption (L/m²) : 0,100 L/m² for 1 coat

Shelf Life: 2 years at room temperature.

Color: Transparent after drying.



IZ- 512 Silicone Sealer / Transparent Insulation- Primer

General Characteristics: Single-component, polyurethane based, silicone added water-based elastic insulation material.

Penetrates into the concrete, prevents the water to leak through the capillary scratches on the surface.

Transparent and does not change the appearance of the surface.

High level of UV and alkali resistant.

Prevents chalking. It is applied on all types of painted, unpainted surfaces in addition to the raw concrete and plastered surfaces.

It has water repellent properties.

Should be applied to the whole surface, not locally, in order to achieve the best results.

Areas of Use: On all the concrete and plastered surfaces that require waterproofing in the foundations and roofs.

* Wooden, brick and tile surfaces. On dried and fresh food storages.

* Painted and unpainted surfaces that have an insulation problem on roof.

* Exterior surface, Balconies and Terraces.

* Used in baths, showers, toilets and kitchens, Mosaic-covered floors, walls.

* Foundation Insulation that can be used as a primer in water tanks, prior to the insulation materials. It is not to be used on ceramic or similar surfaces !

Application: All the dirt and oil on the surfaces should be cleaned.

For insulation on horizontal surface's ; 2-3 coats should be applied directly without thinning.

For primer on vertical surface's ; 1 coat should be applied, after being thinned 200% by water

Caution ! Applied between temperatures +8 C° to +40 C°.

Please protect from rain, frost and dew for at least 36 hours.

Drying Time(20°C): Touch Dry:3-5 hours / Recoating Time: 6-8 hours / Full Dry: 36 hours

Consumption: Insulation : 0,150 L/m² for 2 coats. / Primer : 0,100 L/m² for 1 coat.

Shelf Life: 2 years at room temperature.

Color: Transparent after drying





IZ- 517 Silan Impregnation

General Characteristics: It is a single-component, silan and siloxane modified, Water based Insulation and impregnating material.

Water repellent properties.

Penetrates on the surface from the pores and capillary scratched and prevents water leakage.

Transparent, it does not change the color and naturalness of the surface.

Breathes, and prevents the formation of fungus and bacteria.

It does not form a film layer when used as an impregnating material.

High level of UV resistance. It is alkali-resistant, prevents chalking.

It should be applied to the whole surface, not locally, in order to achieve the best results.

Areas of Use:

- * On all the concrete and plastered surfaces that require waterproofing in the foundations

- * On brick-roof tile and natural stone surfaces.

- * On painted, unpainted surfaces of the north and side facades which have an insulation problem.

- * In insulation of the parts of the buildings that are below the soil. In the water tanks, cisterns. It is used as primer in dried food storages before the paint and insulation. It is not applied on ceramic or similar surfaces.

Application: All the dirt, oil on the surfaces should be cleaned. If to be used singly when water insulation and waterproofing is desired; the main material is used directly as 2 coats, without thinning.

If to be applied as primer prior to paint or insulation; it is thinned by 25% water and applied as a single coat. The waiting time between the coats is 6-8 hours at 20 C de. It should be applied at temperatures between +5 C° to +40C°.

Drying Time(20°C): Touch Dry :3-5 hours Full Dry : 24 hours Mechanical Resistance reached in: 4-7 days.

Please protect from rain, freeze, frost and rime for at least 36 hours after application.

Consumption: 150 L/ m² for 2 coats

Shelf Life: 2 years at room temperature.

Color: Transparent after drying.

IZ- 519 Concrete Curring

General Characteristics: Synthetic resin based material with moisture curing.

It is solvent-based.

Fast drying. It is transparent, prevents the rapid water loss of the surface it is applied on.

The film layer it forms prevents rapid drying, by slowing down the evaporation of the water within the structure of fresh concrete,

Reduces the shrinkage scratches on the surface.

Increases the resistance of concrete.

repellent properties

Ready to use.

Areas of Use: It is used on all vertical and horizontal concrete surfaces right after the fresh concrete and surface hardener applications.

- * Used in concrete applications in places with abundant air current, evaporation and less moisture

- * Used on the surfaces on which paint, ceramics, epoxy etc. covering shall be applied afterwards.

- * Used at sports facilities, airports, concrete roads, bridges, canals, dams and retaining walls.

Application: Following the settling of the concrete, it is applied by a brush or roll directly without thinning.

Drying Time (20°C): Touch Dry : 60 minutes. Full Dry : 24 hours.

Protect from rain, frost and dew at least for 8 hours following the application.

Consumption: 150 L/ m² for 2 coats.

Shelf Life: 2 years at room temperature.

Color: Transparent after drying.



IZ-520 Concrete Latex / Water Impermeability and Elasticity

General Characteristics: It is the grout additive material with synthetic rubber base. It adds water permeability onto the concrete and screed.

Fields of Application /Characteristics :

- * Repair of concrete and plaster - Screeds on the floor and the coatings below the screed
- * Concrete for foundations, curtains and pools to provide water permeability
- * Prevents reinforcement corrosion.
- * Enhances the adhesion performance of the concrete, prevents surface stress and cracks
- * It provides elasticity
- * It redounds excellent water permeability and increases the wear resistance of the concrete.
- * Provides chemical resistance and enhances alkali resistance

Application: The surface should be cleared of the anti adhesion materials such as dusts, grease, bitumen, tar, paint, silicone, curing material, detergent and form oil.

Preparation of the mix: Water is mixed in a clean cup. The dry mix is added into the liquid mix and mixed in the manner not to give way to any aggregation preferably through a low-speed drill. The grout ratio of which is specified in consumption section is added into the water or spread over the surface.

* It is prepared for use with Portland cement (CEM I) and cement in which aluminium oxide is included and cement with strength against sulphate.

It should not be used with excessive amount of lime and air -entraining additives .

* When used to increase the adherence of the previous and new concrete, IZ-520 and the cement mix are applied onto the surface with the use of a brush in order to make the application available.

Mix or shake before use.

*When making application by plaster or screed, the IZ-520 mix and cement mi previously applied on the surface should not be dried fully. Mix or shake before use.

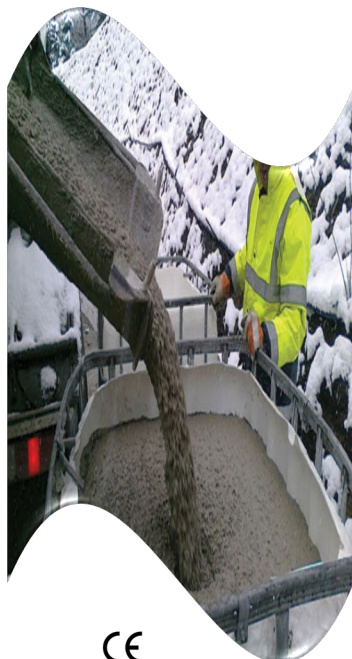
Dry-Time (20 °C): Contact Time : 6-8 hours Through-Dry-Time : 7 days

Consumption/ By Volume:

Water isolation / Elasticity : -520 / Water: 1/3 - 1/4 Cement / Sand : 1/3

Fine screed / Repair Grouts : IZ-520 /Water: 1/2 - 1/3 Cement / Sand : 1/2

Shelf Life: 2 years at room temperature.



CE

IZ-521 Concrete - Capillary / Crystallized Positive - Negative Insulation

General Characteristics: The chemical substances in its content react with the moist and free lime in the concrete and penetrate into the concrete thoroughly. Thus the concrete is apt to strength against both positive and negative hydrostatic pressure.

*All concrete applications for which crystallized capillary water permeability is sought.

* Water tanks, foundations and baffle walls

* Tunnels and subways, channels, reservoirs, pools and pre-cast elements

* Perpetually active all through the curing period and every time it contacts with water and fills the capillary voids within the concrete with nano dimensioned crystals which are not soluble to provide continuous permeability.

* Not toxic. It can be used within the water tanks.

* The water vapour is permeable and provides breathing of concrete.

* Provides protection of the reinforcement bars within the concrete against corrosion and enhances its strength against compression and freeze-dissolution.

Application: The surface should be cleared of the anti adhesion materials such as dusts, grease, bitumen, tar, paint, silicone, curing material, detergent and form oil.

Preparation of the mix : Water is mixed in a clean cup. The dry mix is added into the liquid mix and mixed in the manner not to give way to any aggregation preferably through a low-speed drill. The grout ratio of which is specified in consumption section is added into the water or spread over the surface. Mix or shake prior to use.

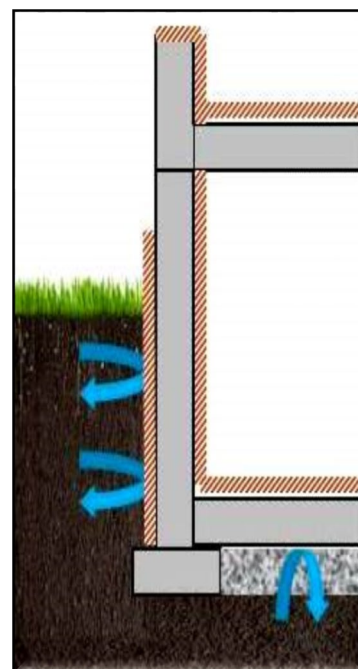
Consumption: It is added into the concrete at a rate of 2-3 % of the weight of the cement within the concrete.

Apply or spread over each layer 1,000 Kg/m² (minimum 2 coats recommended)

Dry-Time (20 °C): Waiting Time Between Layers : 6-8 hours

Through-Dry-Time : 7 days

Shelf Life: 1 year at room temperature



CE

IZ- 524 Roof Insulation/ Acrylic Elastomeric Membrane



General Characteristics: It is a single-component, water-based acrylic, silicone modified roof insulation material.

When it dries, it forms a seamless insulation layer, elastic like membrane.

* High level of UV resistance.

* Elastomeric structure (200%) and does not crack under temperature differences and surface movements.

Areas of Use: It can easily be applied on Terrace, Plaster, exposed concrete, asbestos, cement slabs and wooden surfaces, where water insulation is desired.

Application: The surfaces should be cleaned off dust and dirt.

Silicone Lac should be applied as 1 coat by at least 100% thinning before the application in the old and new buildings.

Afterwards, 2 coats of ROOF Insulation is applied without thinning.

Each coat applied is applied maximum within 48 hours following the application of the previous coat. Each coat should be applied or sprayed in one direction.

The final coat should be applied perpendicular to the brush, roller or spraying direction applied during the previous coat.

For metal surface; Th-513 Galvanize-Metal Sealer should be applied before insulation.

For the best result: It is recommended to use plaster net between the coats against impacts and abrasion on the surfaces with heavy traffic..

Drying Time (20°C): Touch Dry :3-5 hours Full Dry : 24 hours

Please protect from rain, freeze, frost and rime for at least 36 hours after application.

Consumption: 1,000 - 1,250 Kg/m² for 2 coats.

Shelf Life: 2 years at room temperature.

Color: White, Light Grey

IZ- 525 Extra Roof Insulation / Polyurethane Elastomeric Membrane

General Characteristics: It is the single component, water based polyurethane, silicone modified roof insulation material. It can easily be applied on plaster, exposed concrete, asbestos, cement slab, metal and wooden surfaces. If desired, it can also be used in order to obtain surface hardness as double-component with the addition of cement.

* High level of UV resistance.

* Elastomeric structure (400%) and does not crack under temperature differences, surface movements and fills the capillary cracks.

Areas of Use: It is used in the horizontal and vertical application in the indoor and outdoor spaces.

*At places such as foundation – retaining walls and basement insulation which are subject to movement, vibration and slight settlement.

* For the insulation of terraces, balconies and roofs,

* For insulation of water tanks and flower beds.

Application: The surfaces should be cleaned off dust and dirt.

Silicone Lac should be applied as 1 coat by at least 100% thinning before the application in the old and new buildings.

Then 2 coats of Extra Insulation is applied without thinning. Each coat applied is applied maximum within 48 hours following the application of the previous coat.

Each coat should be applied or sprayed in one direction.

The final coat should be applied perpendicular to the brush, roller or spraying direction applied during the previous coat. When it dries, it forms a seamless insulation layer, elastic like linoleum.

For metal surface; Th-513 Galvanize-Metal Sealer should be applied before insulation.

For the best result: It is recommended to use plaster net between the coats against impacts and abrasion on the surfaces with heavy traffic. Moreover; it is applied as at least 1-3mm by addition of 10-15% white cement for impact resistance on frequently used surfaces .

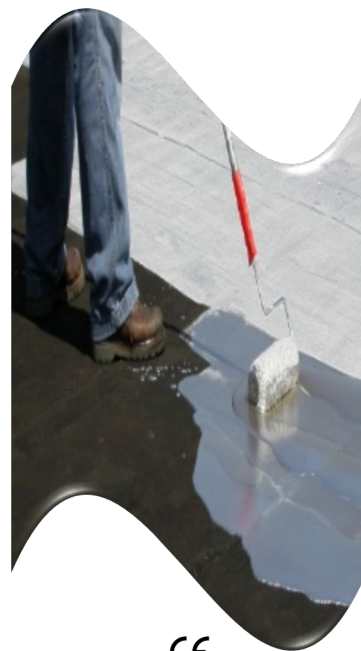
Drying Time (20°C): Touch Dry :3-5 hours Full Dry : 24 hours

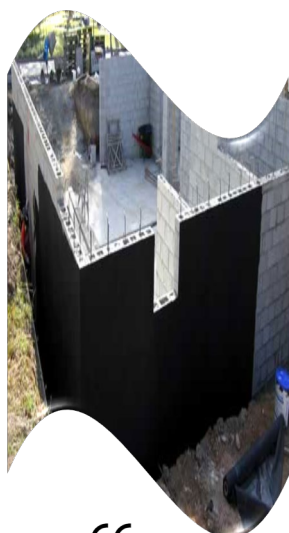
Please protect from rain, freeze, frost and rime for at least 36 hours after application.

Consumption: 1,200 - 1,350 Kg/m² for 2 coats

Shelf Life: 2 years at room temperature.

Color: White-Light Grey – Blue – Tile Red – Green





CE

IZ- 535 Foundation Insulation / 1k- Bitumen

General Characteristics: : Water based bitumen, silicone modified foundation insulation material. It can easily be applied on plaster, exposed concrete, asbestos, cement slab surfaces. Resistant against positive water pressure. It is used as double component by addition of 20-30% Cement.

* Elastomeric structure (200%) and does not crack under temperature differences, surface movements and fills the capillary cracks

Areas of Use: Used in horizontal and vertical applications in the indoor and outdoor spaces.

* At places such as foundation – retaining walls and basement insulation which are subject to movement, vibration and slight settlement ,

* Terraces, balconies, roofs, manholes, concrete pipes and flower beds.

Application: The surfaces should be cleaned off dust and dirt. Silicone Lac should be applied as 1 coat by at least 50% thinning before the application in the old and new buildings. Cement can be added by low cycle mixer. Then, IZ-535 Base Insulation is applied as 2 coats without thinning. Each coat applied is applied maximum within 48 hours following the application of the previous coat. Each coat should be applied or sprayed in one direction. The final coat should be applied perpendicular to the brush, roller or spraying direction applied during the previous coat. When it dries, it forms a hard, seamless insulation layer, elastic like linoleum. The mixture should be used within 30 minutes. Recoats time is 24 hours at +20°C. For the best result: It is recommended to use plaster or satin plaster net between the coats against impacts and abrasion on the surfaces with heavy traffic. Cement addition; white cement mixed with water is then mixed within Extra insulation.

Drying Time (20°C): Touch Dry :3-5 hours Full Dry : 24 hours

Mechanical resistance after 3 days. Waterproof after 7 days.

The final resistance is acquired after 14 days.

Please protect from rain, freeze, frost and rime for at least 36 hours after application.

Consumption: 1,000 - 1,250 kg/m² for 2 coats.

Shelf Life: 2 years at room temperature. **Color:** Black

IZ- 538 Flex Guard / Wet Surface Insulation

General Characteristics: : It is a water-based acrylic , silicone modified sanded insulation material.

* Elastomeric structure (200%) and does not crack under temperature differences, surface movements and fills the capillary cracks.

Areas of Use: It may be applied to flush mounted, exposed concrete, cement plate and wooden surfaces in Balcony-Terrace-Bathroom and Kitchens

Application: Surfaces must be cleansed from dust and dirt. Before it is applied in old and new buildings, Silicone Lac must be applied as 1 coat by thinning 100% at least. Later 2 coats IZ-538 are applied without thinning.

Each coat must be applied in one single direction or must be sprayed. The last one coat must be applied in vertical direction to the direction of brush, roll or spray during the application of the previous coat.

Drying Time (20°C): Touch drying: 3-5 hours. Complete drying : 24 hours.

Please protect from rain, freeze, frost and rime for at least 36 hours after application.

Consumption: 1,250-1,350 kg/m² for 2 coats **Shelf Life:** 2 years at room temperature **Color :** Tile Red

CE

IZ- 540 Anti Root / Green Terraces

General Characteristics: It is specifically designed for the structures and foundations under the soil with modified bitumen, single component water based material. It is a ready-for -use elastic water isolation material which provides resistance against the roots of the plants.

* Elastomeric structure (1000%) and does not crack under temperature differences and surface movements.

Areas of Use: Vertical and horizontal surfaces at the exterior spaces, subsoil.

* Parks, gardens, roofs terraces, prior to plantation and forestation,

* Isolation of the balconies and flower beds,

* Water isolation of the ground floors of the buildings such as foundations, vaults and cellars or the basement garages

* Protection of the retaining and curtain walls,

* Isolation of the galleries, drainage and water channels against water and humidity,

* It has resistance against the plant roots, prevents punctures by the plants ,

* Adheres on surfaces of any type in an excellent manner

* Provides water isolation with no seam or joint

* It has strength against positive water pressure

Application ; It is applied on the concrete surfaces as IZ-512 Silicon Lac 1 coat.

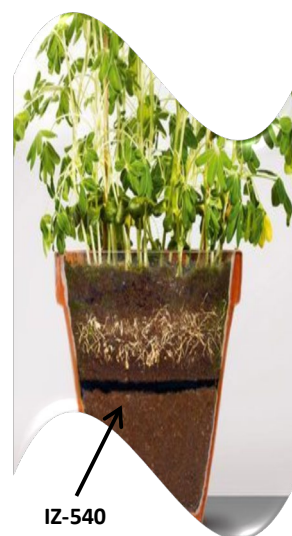
Th-513 Galvanized Metal Sealer should be applied on the metal surfaces 1 coat.

Do not use in the potable water depot and pools!

Consumption : 1,500 - 2,000 kg/m² for 2 coats.

Dry-Time (20 °C) : Anti dust 3 hours Contact Time : 8 hours Through-Dry-Time : 72 hours

Please protect from rain, freeze, frost and rime for at least 36 hours after application.



IZ-540

CE

IZ- 545 Rubber Coat / 1k- Water Based

General Characteristics: Water based rubber emulsion, polyurethane modified with silicone. Can easily be applied on plaster, exposed concrete, asbestos, cement surfaces. Resistant against positive water pressure.

- * Elastomeric structure (750%) and does not crack under temperature differences, surface movements and fills the capillary cracks.
- * High level of UV resistance.

Areas of Use: It is used in the horizontal and vertical applications in the indoor and outdoor spaces, at locations such as foundations, retaining walls and basements where movement, vibration and slight settlement is possible, in the insulation of terraces, balconies and roofs and in the insulation of manholes, concrete pipes, flower beds.

Application: The surfaces should be cleaned off dust and dirt.

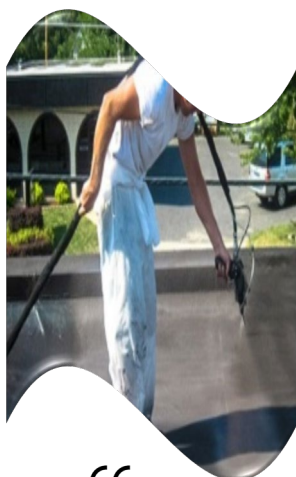
* Silicone Lac should be applied as 1 coat by at least 100% thinning before the application in the old and new buildings.

* Then, IZ-545 Rubber coat should be applied, by a thick roll or pistol as 2 coats without thinning. Recoating time is 48 hours. Each coat should be applied or sprayed in one direction. The final coat should be applied perpendicular to the brush, roller or spraying direction applied during the previous coat. When it dries, it forms a hard, seamless insulation layer, elastic like linoleum.

Drying Time (20°C): Touch Dry :3-5 hours Full Dry : 24 hours Protect from rain, frost and dew at least for 8 hours following the mechanical application. It acquires mechanical resistance after 3 days. It becomes waterproof after 7 days.

The final resistance is acquired after 14 days. **Storage Life:** 12 months in room temperature.

Consumption: For two coats, about 1,000 - 1,500 Kg/m² **Color:** Black



CE

IZ- 547 Poly-Bitumen / 2k- Water Based

General Characteristics: Two component water based bitumen, modified by polyurethane and silicone. Can easily be applied on plaster, exposed concrete, asbestos, cement surfaces. Resistant against positive water pressure.

- * Elastomeric structure (1000%) and does not crack under temperature differences, surface movements and fills the capillary cracks
- * High level of UV resistance.

Areas of Use: It is used in the horizontal and vertical applications in the indoor and outdoor spaces, at locations such as foundations, retaining walls and basements where movement, vibration and slight settlement is possible, in the insulation of terraces, balconies and roofs and in the insulation of manholes, concrete pipes, flower beds.

Application: The surfaces should be cleaned off dust and dirt.

* Silicone Lac should be applied as 1 coat by at least 100% thinning before the application in the old and new buildings.

After mixing Base and Polymer component, should be applied. Recoating time is 48 hours.

Drying Time (20°C): Touch Dry :3-5 hours Full Dry : 24 hours Protect from rain, frost and dew at least for 8 hours following the mechanical application. It acquires mechanical resistance after 3 days. It becomes waterproof after 7 days. The final resistance is acquired after 14 days. **Shelf Life:** 12 months at room temperature.

Consumption: 1,000 - 1,500 kg/m² for 2 coats **Color:** Black



CE

IZ- 570 Pu Clear Coat / 2k- Polyurethane Transparent Insulation

General Characteristics: : Two component, polyurethane based, insulation material with solvent. It is colorless, transparent. High friction power. Used on walked or industrial floors. Fast drying. Low consistency. Resistant against positive water pressure. Extra level of UV resistance. It does not fade.

Highly resistant against atmospheric conditions and chemicals. Dirt- resistant, easily cleaned.

Areas of Use: It is used in horizontal and vertical applications in the indoor and outdoor, wood, metal, marble and ceramic surfaces.

* Insulation of marble and ceramic surfaces ; terraces, balconies and roofs.

* Aqua centers, pools and warehouses .

* As final coat for protection of the epoxy floors from sun.

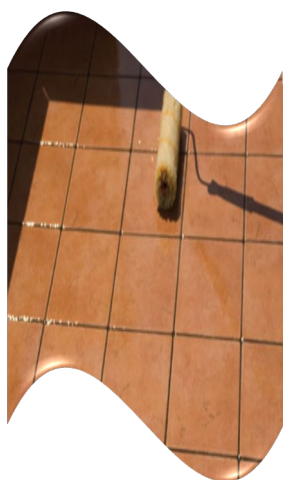
Application: The surfaces should be cleaned off dust and dirt. The main material is mixed with the hardener at the ratio of 3:1 (in weight). On absorbent surfaces, it should be thinned by 20% of PA-50 thinner before the application and should be applied as 1 coat primer or impregnation. Afterwards, IZ-570 is applied as 2-3 coats without thinning. Thick application should be avoided. When dried, it forms a hard, seamless insulation layer.

The mixture should be used within 60 minutes. Recoating time is 8 hours at +20°C.

Drying Time (20°C): Touch Dry :3-5 hours Full Dry : 12 hours Mechanical resistance: At least 4 days following the application.

Shelf Life: 12 months at room temperature.

Consumption: For two coats, about 0,250 -0,300 kg/m² **Color:** Transparent



SK- 873 Fire Stop - Solution

General Characteristics: It is a boron-based water-based fire retardant solution.

It ceases the contact of wood with oxygen, it prevents burning and flaming.

It is antifungal (protect against the insects and fungi) as well as that it adds class A non-flammability feature to the wood.

Desired paints or varnish applications may comfortably be made later on the wooden surfaces, on which Sk-873 is applied. It is odorless, colorless.

Non-toxic, a natural product and sensitive to human and environment.

Does not pass toxic gas during fire and it abolishes intoxication risk from smoke.

Areas of Use: It is used in Osb, Mdf, Plywood, Chipboard, Pine Wood, Fagus, Fir Tree, Spruce Tree, Ash Tree, Rose, Teak Wood, Oak, Maple Tree and all tree types.

Used in non-inflammable door, log house, Wooden building, hotels and gardens materials.

Applied to bring non-flammability to many industrial products such as fabric, wool except for wooden sector.

Application: It is ready for use, no reducing is required.

It is used by dipping or roll. The applications should be at least 2 layers. Waiting period between the layers are for 4-6 hours. It may be applied to natural woods by making them wait in the pools or impregnated system. Dipping and impregnate periods change according to wooden types.

Consumption: 0,200 kg/ m² (2 layers)

Shelf Life: 6 months at room temperature.

Color: Transparent after drying



SK- 875 Fire Stop - Intumescent Paint

General Characteristics: : Developed for Fire Resistance of Steel , Concrete and Wooden Structures.

Water-based latex resin based and it is fire retardant until 800 C -1200 C degrees.

Retards the fire between 30 minutes and 180 minutes according to application thickness (500 pm and 1000 pm).

Final layer coating strengthened by Nano technology.

Prevents spread of the fire by swelling, It does not pass toxic gases.

Areas of Use: It does not cause leakage in ceiling and roof applications, it is thixotropic.

Minimum 500 pm application may be performed in single layer, it does not crack.

Prevents the steel structures get deformed by heating during fire.

Wooden and polyurethane foam surfaces - Steel and Metal surfaces,

All kinds of plastered, painted and unpainted interior and exterior surfaces.

Factories, Steel Structures, Ceiling and Fire-escape stairs.

It is safely used in interior and exterior walls of schools, kindergartens, hospitals, lodgments, theatres and similar collective usage areas, in which incombustibility is required.

Produced according to present fire regulation. It is tested according to TSE or EN standards.

Application: All kinds of dirt, oil and rust on the surfaces should be cleaned.

Please use primarily recommended undercoat (SK- 870 or SK-872)

Applied by brush, roller or spraying.

Applied in a thick way. It is ready to use. At least 6 hours should be waited between the layers.

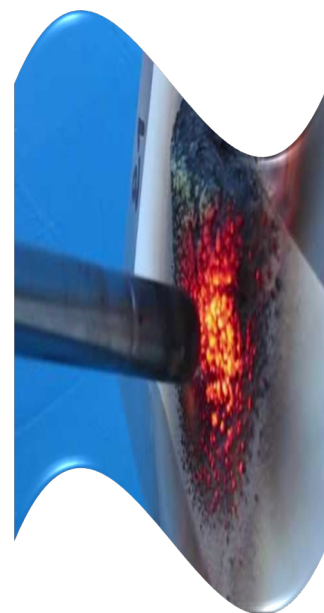
Fire resistance increases as the thickness increase.

Drying Time (20°C): Complete Drying : 36 hours.

Consumption: 0,500 - 1200 kg/m²

Shelf Life: 6 months at room temperature.

Color: White - Light Grey



SK- 876 Fire Stop - Mastic

General Characteristics: : Water-based latex resin based and it is fire retardant until 800 C -1200 C degrees.

Retards the fire between 30 minutes and 180 minutes according to application thickness (500 pm and 1000 pm).

Prevents spread of the fire by swelling, It does not pass toxic gases.

Areas of Use: It is used in door jambs, weld joints, concrete joints, computer rooms, electrical insulator so, use on electrical panels and rooms.

Flex structure. Applied in a thick way, does not crack.

All kinds of plastered, painted and unpainted interior and exterior surfaces.

Produced according to present fire regulation. It is tested according to TSE or EN standards.

Application: All kinds of dirt, oil and rust on the surfaces should be cleaned.

Please use primarily recommended undercoat (SK- 870 or SK-872)

Applied by brush, roller or trowel

Ready to use. At least 6 hours should be waited between the layers.

Fire resistance increases as the thickness increase.

Drying Time (20°C): Complete Drying for each coat : 48 hours.

Consumption: 1,500 - 2,000 kg/m² **Shelf Life:** 6 months at room temperature. **Color:** White - Light Grey - Black - Red

SK-880 Fire Stop - Epoxy -2k / Solvent-Free Intumescent

General Characteristics: : Developed for Fire Resistance of Steel and Wooden Structures.

A two pack solvent-free epoxy resin, polyamide cured epoxy coating for Intumescent fire protection of Steel, Metal and Wood coatings. Fire Protection coating for internally and externally exposed structural steel, where provides highest durability and combined corrosion protection. Fire retardant until 800 C -1200 C degrees. Prevents spread of the fire by swelling.

Retards the fire between 30 minutes and 180 minutes according to application thickness (500 pm and 1000 pm).

Areas of Use: Solvent free epoxy resin based Fire Stop Intumescent Top Coat

- * Excellent anti-condensation property, due to heat differences and prevents corrosion and humidity formation .
- * Good thermal conductivity. Ceramic microspheres, reduces the heat transfer of the surface.
- * Highly resistant to a lot of chemicals, oil and sea water and corrosion.
- * Used in all kinds of metal surfaces against corrosions, can be apply after suitable primer.
- * Solvent- free product, 100% solids. * Halogen free, low odour.
- * Zero flash risk * Self-levelling structure suitable for roller, and airless spray application.
- * Rapid dry* Sk- 880 has a good UV resistance.
- * Does not cause leakage on metal applications, it is thixotropic.
- * Minimum 1000 pm application may be performed in single layer, it does not crack.
- * Prevents the steel structures get deformed by heating during fire.

* Also used in wooden and polyurethane foam surfaces apart from metal sections.

Produced according to present fire regulation, tested according to TSE or EN standards.

Application: All kinds of dirt, oil and rust on the surfaces should be cleaned. It is applied by brush, roll or spraying. It is applied in a thick way. At least 8-12 hours should be waited between the layers

Mixing Ratio : Main material is mixed 1/1 with hardener by volume/ weight ; (50 A Base-paint / 50 B- hardener)

Pot Life : 50 minutes $\pm$ 5

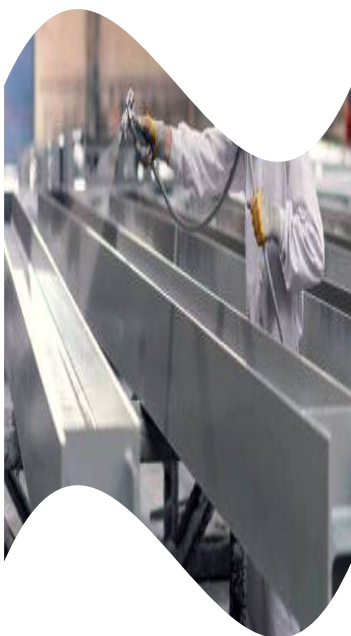
Caution ! Fire resistance increases as the thickness increase.

Drying Time (20°C): Complete Drying : 24 hours.

Consumption: 1 kg product covers 1 m² for 1coat (1000 micron)

Shelf Life: 12-16 months at room temperature.

Color: Light Grey



SK-872 Fire Stop - Metal & Wood Undercoat

General Characteristics: Pure acrylic based undercoat for metal, galvanize and wood.

Applied to old and new metal surfaces internally and externally.

* Good Anticorrosive and fire stop.

* Water resistant and highly capable of adhesion to the surface.

* Water resistant and reduces the use of topcoat paints.

Consumption (L/m²) : 0,200 L/m² for 1 coat

Shelf Life: 2 years at room temperature.

Color: Light Red

SK-870 Fire Stop - Cement Undercoat

General Characteristics: Pure acrylic based undercoat for metal and wood

Applied to old and new metal surfaces internally and externally.

* Good Alkaline resistance

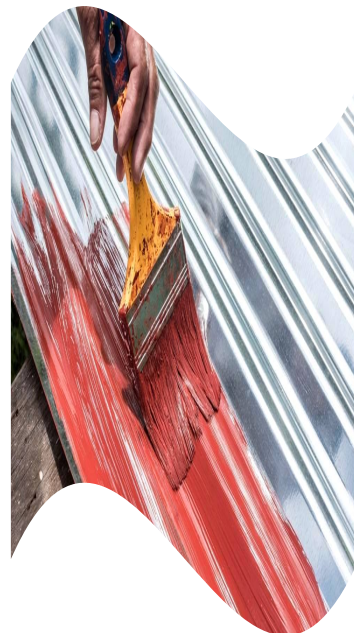
* Water resistant and highly capable of adhesion to the surface.

* Water resistant and reduces the use of topcoat paints.

Consumption (L/m²) : 0,300 L/m² for 1 coat

Shelf Life: 2 years at room temperature.

Color: White



SK- 803 Traffic Paint - Aqua / Water Based Line Marking



Acrylic water based highway line marking paint.

New system for environment safe. VOC free.

Extremely well against sun light, destroying effects of the sea and rain waters, petrol, oil and grease oil.

Applied as high build in tixotropic property. It has been determined to have resistance against the abrasion of heavy use.

Application Areas ; Highways, parking lots, Runways for airplanes and helicopters, The floors of concrete, asphalt, plants and factories,

Application ; Stir well before use. Dilute it by min 5% (by weight) .Use brush, roller or spray gun. Thinned by water. The light reflection can be increased by spraying glass beads on the top coat.

Consumption ; 500-600 kg/m² single coat **Gloss (85degree)** ; 10 -15gloss

Drying Time (20C) ; 40-50 minutes **Shelf Life** ; 1 year in unopened cans at room temperature

! Traffic paints also produce solvent based Akrilik system. Please contact us.

SK- 810 Driveway Paint

General Characteristics: Water-based floor paint made of special type acrylic resin with very high abrasion and impact resistance.

Improved water repellence and alkaline conditions.

* Water-based and sensitive (Less VOC) to humans and the environment. It is odorless.

* Resistant to atmospheric conditions in all four seasons.

* UV resistance is high, it does not fade and chalk.

* Good covering, it gives the surface a colorful and rich appearance.

Usage Areas: Driveways - Garage floors - Porches & Patios – Outdoor (Tennis-Basketball-Bicycle Roads) Sports Areas.

Application: The floor should not be damp and dusty. Robyn's IZ-510 Binder Primer should be applied in 1 layer on absorbent surfaces, old or new surfaces to be painted.

Recommended for use on concrete-facade repair mortar in repairing cracks.

Driveway Paint applied with a roller is thinned with maximum 3% water by weight and applied at least 2 layers. Can be used after 36 hours.

Drying Time(20°C/68 F): Touch Dry:3-5 hours / Recoating Time: 6-8 hours / Full Dry: 36 hours

Consumption: Depending on the surface, 1 L = 3,75 - 4,65 m² / 1 US Galon = 40-50 ft²

Shelf Life: 2 years at room temperature from date of manufacturing..

Color: Grey , Light Grey, Terracotta, Tile Red, Beige, Rich Brown

Caution ! Apply between temperatures +8 C° to +40 C°.

Please protect from rain, frost and dew for at least 48 hours.



SK- 830 Sports Paint

General Characteristics: It is a water-based floor paint made of special type acrylic resin with very high abrasion and impact resistance.

* Grainy structure, it does not slip during use.

* Water-based and sensitive to humans and the environment. It is odorless.

* Resistant to atmospheric conditions in all four seasons.

* UV resistance is high, it does not fade and chalk.

* Covering, it gives the surface a colorful and rich appearance.

Areas of Use:

* It is applied after primer on all kinds of concrete and asphalt surfaces.

* Tennis courts, basketball courts, all outdoor sports ground.

* Bicycle and walking paths.

* School gardens and playgrounds.

Application: The floor should not be damp and dusty. Robyn's Binder Primer should be applied in 1 layer on absorbent, old or new surfaces to be painted. It is recommended to use concrete-facade repair mortar in repairing cracks.

Sports Floor Paint applied with a roller is thinned with 5% water by weight and applied at least 2 layers. Recoating after 4-6 hours . It can be used after 36 hours.

Consumption: Depending on the surface, 1 L = 3,75 - 4,65 m² / 1 US Galon = 40-50 ft²

Shelf Life: 16 months at room temperature. **Color:** Green, Red, Blue ,Grey.

Attention! Since the surface to be applied is horizontal, care should be taken that rain, dew and frost do not fall on the ground for at least 36 hours (+ 20 C).



SK- 840 Swimming Pool Paint / Water Based

General Characteristics: Water-based pool paint made of special type hybrid resin with very high abrasion and impact resistance.

Improved water repellence and alkaline conditions.

- * Water-based and sensitive (Less VOC) to humans and the environment. It is odorless.
- * Resistant to atmospheric conditions in all four seasons and pool chemicals.
- * UV resistance is high, it does not fade and chalk.
- * Good covering, it gives the surface a colorful and rich appearance.

Usage Areas: Outdoor and indoor all concrete surface.

Application: The floor should not be damp and dusty. Robyn's IZ-512 Silicone Sealer should be applied in 1 layer on absorbent surfaces, old or new surfaces to be painted. Recommended for use on concrete-facade repair mortar in repairing cracks.

Pool Paint applied with a roller is thinned with maximum 3% water by weight and applied at least 2 layers. Can be used after 4 days.

Drying Time(20°C/68 F): Touch Dry:3-5 hours / Recoating Time: 6-8 hours /

Full Dry: 7 days hours.

Consumption: Depending on the surface, 1 L = 3,75 - 4,65 m² / 1 US Galon = 40-50 ft²

Shelf Life: 2 years at room temperature from date of manufacturing..

Color: Ral 5015 – Ral 5017

Caution ! Apply between temperatures +8 C° to +40 C°.

Please protect from rain, frost and dew for at least 4 days.

Do not apply over epoxy paints.



SK- 865 Biological Solution / Stops Mold

General Properties: It is a cleaning biological solution against organic formations formed in Interior and Exterior walls.

It is a solution preparing an appropriate surface to paint by providing cleaning and protection of the painted in advance or unpainted surfaces with its characteristics penetrating rapidly and deeply. Water-based and environment-friendly.

Application: Interior and exterior walls mineral based surface should be wiped with a dry fabric after cleaning with a wet hard wire brush. It is applied at least for 2 times by a brush or a roll certainly without reducing with the surface Sk-865.

Never use by spraying.

Robyn's Nano Coat and afterwards Thermal Interior Wall Paint are recommended to prevent organic formations by completely dryness of the surface.

Drying Period (20°C): Waiting period between the layers are for 2 hours.

Complete Drying : 12 hours

Consumption: 0,200 kg/ m² to type and absorbency of the surface.



SK-868 / Soil Hardener

SK-868 is an ecologic agent used to stabilize and solidify any soil or aggregate as well as dust suppression. Once applied to the soil or aggregate, the copolymer molecules

coalesce forming bonds between the soil or aggregate particles, originates with its long, nanoparticle molecular structure that link and cross-link together. As the water dissipates from the soil or aggregate, a durable and water resistant matrix of flexible solid-mass is created.

Once cured, it becomes completely transparent, leaving the natural landscape to appear untouched.

- Areas of Use :**
- Unpaved dirt roads. • Construction sites and roads. • Heavy haul roads.
 - Road base and sub-base. • Storage and stock piles. • Power plants. • Helipads.
 - Airport infields. • Mine tailings and areas. • Land development. • Construction parking areas.
 - Event parking lots. • Road shoulders. • Slopes and berms. • Forestry roads. • Agricultural roads.
 - Border patrol roads. • Golf courts and trails. • Parks and recreations. • Storage lots and ponds.

Application : Concentrated ready to use solution. Application area should be completely dry and free from water. The area must be free from rain for a minimum of 72 hours after the application. Temperature must be at least 4°C. Compact the test plot to a minimum of 95%. pre-wet the test plot with water (only) at a rate of 2,5 L/m² to break the surface tension and increase penetration depth. Solution should be sprayed to surface slowly and uniformly.

Consumption : Unpaved dirt roads with high traffic: 1 lt SK-868 + 6 liters water •Dust control: 1 lt SK-868 +10 liters water •Aircraft runways (heavy traffic) and construction areas: 1 lt SK-868 + 4 liters water.



SK- 890 Fly-Insect Repellant Paint

General Characteristics: It is the water based acrylic emulsion based fly, mosquito and insect and bug repellant paint. It is applied on the indoor and outdoor facades. It is not harmful for human health.

Performance lasts minimum for 2 years.

Areas of Use : It is developed specifically for Middle East, Africa and similar countries where the climate is hot. It is used at all houses, hotels and holiday villages, factories, food facilities, hospitals, schools, workplaces where there is collective living.

Application : It is easily applied by a roll, brush or pistol. Since the main material is dense, it is thinned by 5-10% water.

IZ-510 Binder Primer is applied as 1

coat to the indoor and outdoor surface before the application.

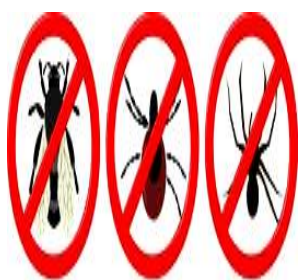
Recoat time is 6 hours at 20 C

Then, SK-890 is applied as 2 coats.

Drying Time (20°C): Waiting time between the coats is 6 hours. Full Dry : 36 hours.

Consumption : 0,250 /0,300 gr/m2. **Shelf Life:** 12 months at room temperature.

Color: White



SK- 885 Anti Radiation Paint & Primer

General Characteristics: It insulated radiation up to 18 GHz frequency in the indoor and outdoor facades. In addition to its radiation insulation, it is fire retarder thanks to its late flammability. It is water based. It is applied on all concrete, wood and metal surfaces.

Areas of Use : base station towers (GSM, UMTS), television and radio transmitting antennas, radars, digital standard wireless telephones (Dect), wireless networks (WLAN) and other remote application

In order to get protection from the electromagnetic areas created by power supply lines, power sources and similar sources. To prevent data entry from wireless networks (information theft) and the entry into the conference rooms with potential bugs. Science and R&D: In protection of the installations and equipment with

EMI (Electromagnetic Interference) sensitivity, in protection of the sensitive technical equipment; in order to guarantee that significant medical data are taken accurately and are not changed due to electromagnetic interference (EMI) Electronics Industry (like recording studios): In order to reduce induction and interference. Other Applications:

Schools, Kids Rooms, hotel rooms, hospital rooms and similar.

Application : It is easily applied by a roll, brush or pistol. Since the main material is dense, it is thinned by 10-15% water and applied as coats. The waiting time between the coats is 6 hours at 20 C. IZ-510 Binder Primer is applied as a single coat onto the surface before the application..

Afterwards, SK-885 is applied as 2-3 coats.

The performance increases as the thickness increases..

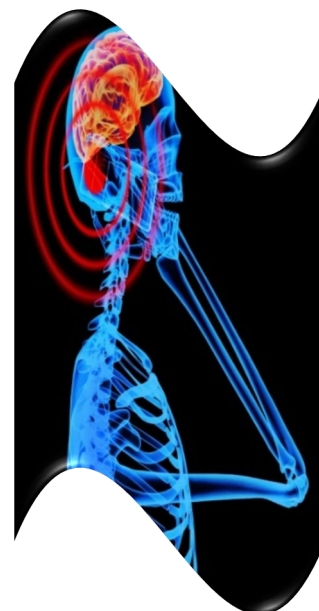
SK-885, which is used as primer, is then painted by any indoor or outdoor facade paint.

SK-885 can also be used under thermal paint or any heat insulation materials.

Drying Time (20°C): Waiting time between the coats is 6 hours. Full Dry : 36 hours Performance is provided at least 2 weeks after the application.

Consumption : 0,250 – 0,300 lt/m2. **Shelf Life:** 12 months at room temperature

Color: Black. It is used as primer.



SK- 888 Sound Insulation Paint

Properties: It provides SOUND insulation in the indoor and outdoor facades. In addition to sound insulation, it is fire retardant by its delayed flammability features. Water based. Applied on all types of concrete, wood and metal surfaces following the application of an appropriate primer.

Areas of Use: It is used at apartments and corridors, Motor and Engine Rooms, Discos and entertainment places, Movies, theaters, hospitals and hotels, Schools, in-vehicle coating, Military facilities, Shooting galleries.

It is used for vehicle sound insulation following an appropriate primer at the bridges and viaducts.

Application: It is easily applied by a roll, brush or pistol. Since the main material is dense, it is thinned by 10-15% water . Recoating time is 6 hours.

IZ-510 Binder Primer is applied as 1 coat to the surface before the application.

Then SK-888 is applied up to a thickness of 1-2mm.

Drying Time (20°C): Waiting time between the coats is 6 hours. Full Dry : 36 hours Performance is provided at least 2 weeks after the application.

Consumption: An area of about 25 m2 is covered with 19 lt.

Shelf Life: 12 months at room temperature **Color:** Although produced white as standard, it can be produced in any color desired in the order.



Other Products

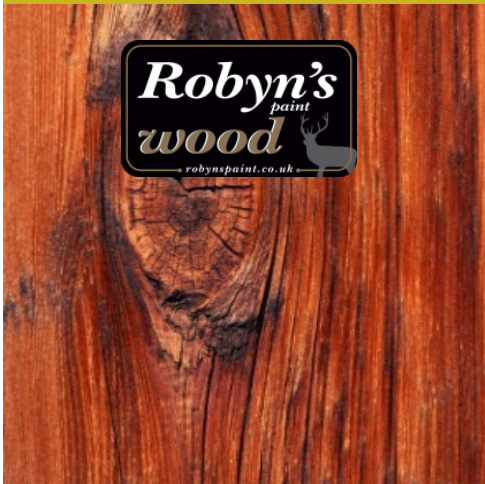
Heat Insulation Coatings



Insulation & Special Paints



Wood Primers & Paints



Marine Paints Antifouling

