



**ANTI-LEAK PAINT FOR
WATERPROOFING
IN SUPPORTS OF
CONSTRUCTION**

IMP SP313



Description

Flexible coating, of modified resins, formulated for a perfect waterproofing of terraces, ceilings, walls and other elements susceptible of it in construction. It has a high permanent elasticity with a power of expansion superior to twice its surface, contracting again without loss in any of its properties, capable of filling joints up to 1.5 mm. wide. It perfectly resists aging by ultraviolet radiation, so it does not present cracking phenomena, such as asphalt coatings, and can be applied vertically without the risk of it draining at high temperatures. Resistant to industrial acid contaminants, alkalinity of the support and brackish water.

Uses and fields of application

Waterproofing of terraces, roofs, walls and other elements susceptible to it in construction. Excellent applied adhesion directly on concrete, asbestos / cement, brick, wood, asphalt paper and even on zinc. On iron we recommend the application of an antioxidant layer first.

Properties

- Impermeable to rainwater.
- Strong tensile and elongation resistance fractured
- Good product homogenization and easy application
- Weather and lightning resistant film ultraviolet.
- Remarkable abrasion resistance.
- Good crack filling and resistance to microcracking
- Resistant to acid pollutants industrial, alkalinity of the support and the Brackish water.
- Vehicle: Copolymer in emulsion of excellent water resistance, high elasticity extraordinary and permanent support on the most substrates.
- Adhesion: Excellent when applied directly on concrete, asbestos/cement, brick, wood, asphalt paper and even on zinc. On iron we recommend first the application of an antioxidant layer.
- Thermal stability: Unalterable between -30° C. and +60° C., once dry.



**ANTI-LEAK
PAINT FOR
WATERPROOFING
IN SUPPORTS OF
CONSTRUCTION**

IMP SP313



Special cautions

Do not apply at temperatures below 5° C. Do not apply above 35°C.

Do not apply with relative humidity above 85 % or on wet supports.

Do not apply in any case if rain or frost is expected, strong winds or direct sun.

Store in cool, dry places.

Use protective gloves and goggles.

Consumption

The average consumption per square meter is 1 kg for two product hands.

Packaging

It comes in two different formats:

16 kg/bucket. 115x115cm pallet with 36 units. Total 576kg.

4kg/bucket. Consult for complete pallet.



IMP SP313



Terrace with IMP SP313



**ANTI-LEAK
PAINT FOR
WATERPROOFING
IN SUPPORTS OF
CONSTRUCTION**

IMP SP313



APPLICATION RULES

Substrates

Excellent adhesion applied directly to concrete, asbestos/cement, brick, wood, asphalt paper and even zinc. On iron, we recommend first applying a rustproofing layer.

Preparation of substrates

The surfaces to be painted must be dry and clean of dust, soil, moss, efflorescence, saltpetre, fat, etc. Remove dust, Fat and other contaminants. Apply the paint according to employment. Old surfaces: Remove possible contamination from bleach or some other suitable product, as well as the loose parts of paint or other construction materials. Treat efflorescence or saltpetre with dilute acid solution, rinse and let dry. On supports in poor condition, with a lack of cohesion or with humidity problems, apply previously a hand of AGMA CH. If there are cracks or fissures greater than 1mm should preferably be repaired with mortar, or with a mixture of 1 part IMP SP313 and 4 parts sand dry. Smooth and level out slopes or surface unevenness to paint, to avoid possible waterlogging. Apply the paint according to the instructions for use.

Preparation of the product

Homogenize the product with a low speed mixer. The most convenient is to use the product without diluting, except for the first layer that is advisable to dilute it with 5-10% of water

Application product

The product, which is presented in the form of a viscous paste, can be apply easily with a brush normal long bristle, with short fibre roller or airless gun (without air) with nozzle opening of 0.45 to 0.55 mm. and pressure of sprayed with about 150 atmospheres.

The drying process is highly dependent on the thickness applied. A temperature of 20° C., relative humidity of 65% and thickness of 0.5 mm, the critical drying (Time after which, a will not seriously damage the coating), is 6 hours. There is to note that for higher thicknesses it increases drastically this time.

It should not be applied at temperatures below +5° C. or above at 35° C. in the shade, neither in rainy weather, nor when strong, warm winds are blowing.

For walkable surfaces, a layer of finishing of IMP SP313 FLOORING, to trowel and when the previous layers are dry enough.

The IMP SP313 PISABLE is a product of the family, but with incorporation of 25% of 0.8 mm calibrated silica It is applied to trowel and with a consumption around 3 kg/m².

ANTI-LEAK
PAINT FOR
WATERPROOFING
IN SUPPORTS OF
CONSTRUCTION

IMP SP313



TECHNICAL DATA characteristic values

Product identification data

Viscosity:	4.500 ± 1.500 mPa.s
Density:	1,35 g/cm ³ ± 0,1 (α 20° C)
Solid content:	63 ± 2 %
Finish:	Satin.
Colours:	White, red, green and grey.
VOC (Directive 19993/13/EC):	0,1g/liter
VOC (Volatile Carbon):	0

Application data

Thinner:	Water.
Drying time:	To the touch 2-3 hours. Total < 24 hours.
Interval between coats:	Minimum of 12 hours, according to the atmospheric terms.
Consumption:	Approximately 1 kg/m ² for two layers product
Application temperature allowed:	from +5° C to 35° C

Final features

Toxicity: Product totally free of any substance of recognized toxicity.

Accelerated weathering 2,400 h.: Only slight loss of brilliance.

UV resistance: 2.400 h. no discoloration, chalk without cracking.

Permeability to water vapour: At 23° C. ambient of 50% to 93% relative humidity gives a value of 40 g/m² and 24 hours.

Waterproofing: Allow to dry for 24 hours at 23° C. Y supporting a water column of 10cm, gives an absorption less than 0.7 mm³ in 7 days.

Elasticity: It has approximately 300 % elongation with a tensile strength of 30 kg/cm².

Pigment: Chemically inert and unassailable by gases atmospheric pollutants such as SO₂. Unalterable to light and the effects of UV rays.



ANTI-LEAK PAINT FOR WATERPROOFING IN SUPPORTS OF CONSTRUCTION

IMP SP313



HEALTH AND SAFETY INFORMATION

It is not classified as hazardous under current regulations on of blending. For any information regarding safety issues in the use, handling, storage and disposal of product waste users should consult the most recent version of the Product safety.

Empty containers must be disposed of in accordance with legal regulations in force.

STORAGE CONDITIONS

The life span of the material is 12 months from the date of manufacture provided that it is kept in a dry and weatherproof location.

NOTE: The instructions for use are made according to our tests and knowledge and do not involve compromise. They do not release the consumer from the examination and verification of the products for their correct use. The company's liability shall be limited to the value of the goods used.

Specification data

Flexible coating, modified resins, formulated for a perfect waterproofing of terraces, roofs, walls and other elements susceptible to it in construction IMP SP313 by Ecolanic. It has a high permanent elasticity with a power of expansion more than double its surface, shrinking without loss

in any of its properties, capable of filling joints up to 1.5 mm wide. It is perfectly resistant to aging by ultraviolet radiation, so it does not present cracking phenomena, like asphalt coatings, and can be applied vertically without the danger of draining at high temperatures. Resistant to pollutants industrial acids, to the alkalinity of the support and to the brackish water.

The product must meet the following requirements:

Toxicity: Product totally free of any substance of recognized toxicity.

Accelerated weathering 2,400 h.: Only slight loss of shine.

UV resistance: 2.400 h. no discoloration, chalk without cracking.

Permeability to water vapour: At 23° C. ambient from 50% to 93% relative humidity give a value of 40 g/m2 and 24 hours

Waterproofing: Allow to dry for 24 hours at 23° C. And supporting a water column of 10cm, it gives an absorption lower than 0.7 mm3 in 7 days.

Elasticity: It has approximately an elongation of 300% with a tensile strength of 30 Kg/cm².

Pigment: Chemically inert and unassailable by atmospheric gases such as example SO2. Unalterable to light and the effects of UV rays.

