

PLAM SEALING/L

Solvent-based acrylic protector
for medium absorbent substrates

DESCRIPTION

Plam Sealing/O Isoplam[®] is a single-component, transparent, solvent-based acrylic anti-dust resin for smooth cementitious surfaces subject to vehicular and pedestrian traffic. Its particular anti-yellowing property makes it suitable for use on outdoor floors as well.

ADVANTAGES

Plam Sealing/L Isoplam[®]:

- it is resistant to UV rays;
- does not yellow over time;
- it has a medium filming power;
- prevents the formation of moulds;
- hinders the formation of dust in cement floors (anti-dust function);
- facilitates the cleaning of surfaces;
- resistant to various products and detergents;
- increases resistance to wear and abrasion;
- revives and tones the color of the flooring (wet effect) giving a pleasant sheen;
- slows down the deterioration of outdoor floors subject to freezing and thawing cycles.

FIELDS OF USE

Plam Sealing/L is indicated for the protection of stamped concrete floors and carries out a "wet effect" color reviving action.

It is also ideal for the protection of external floors in Italian Terrazzo[®] Isoplam[®] (except those containing rounded grits larger than 1.5 cm in diameter) and stamped plaster.

It can also be used as a protective and brightening of the color for porous natural stones, for roof tiles, for cement products in general.

Isoplam[®] Antislip powder can be added to Plam Sealing/L in order to make the surface non-slip, Isoplam[®] Plam Renova antiquing agent to give a veil of color to the treated surface, Isoplam[®] Plam Opacizzante opacifier to give a more satin finish to the floor.

APPLICATION

Make sure the surfaces to be treated are dry and clean.

Plam Sealing/L is ready to use and can be applied using an airless pump or a medium pile roller.

It is applied in two crossed coats 12/24 hours apart depending on the season: the first penetrates deeply, the second remains more on the surface and offers further protection from external agents. For applications on particularly porous or absorbent surfaces, it is recommended to spread the resin by crossing the coats already from the first coat in order to prevent the formation of unsightly rolls or to apply the first coat by airless.

The tools used for the application must be washed as soon as possible with Solvent RA Isoplam[®].

The treated surfaces can be walked on after one day (summer periods), while complete hardening occurs after about 7 days.

It is possible to add another coat of protective after a few years if the flooring is particularly exposed to atmospheric agents or wear. In this case, the flooring must be washed in advance and adequately with a pressure washer with Isoplam[®] Wow detergent or, if there are light oil stains, with Isoplam[®] Plam Super Cleaner with high degreasing power with the help of a single brush or floor washer.

Note. Do not apply: in the presence of oil stains, other resins, different previous treatments; in the presence of rain or when rain is forecast in the 24 hours following application; with surface temperatures below 5°C or above 35°C; on incandescent parts (the product is flammable).

TECHNICAL FEATURES

Aspect	Transparent liquid
Solids content	Plam Sealing 18%
Specific weight (UNI EN ISO 2811/1-02/03)	0,90 g/ml a 25°C
Phase	Solvent
Water absorption and alkali resistance (UNI EN 13580)	<7.5%
Water absorption by capillarity (UNI EN 13057)	W<0.1 kg/m ² ·h0.5-W3
Depth of penetration (UNI EN 1504-2 P.19/3)	<10mm – classe I
Water permeability (UNI EN 1062-3:2008)	W<0,01 Kg/m ² ·√h
Permeability to water vapour (UNI EN ISO 7783:2012)	δ= 2,32·10 ⁻¹⁰ Kg/m·h·Pa
Wear index (UNI EN 7784-2/1997)	0,0005
Abrasion resistance (UNI EN ISO 7784-2)	43 mg
Resistance to liquids in general (UNI EN 2812-1)	24 hours after its application, no obvious changes in satin finish are noted
Water resistance for swimming pools (UNI EN ISO 2812-1)	No change in appearance after 30 days
Seawater resistance (UNI EN ISO 2812-1)	No change in appearance after 30 days
Resistance to diesel (UNI EN ISO 2812-1)	No change in appearance after 30 days

CONSUMPTION

Consumption varies depending on the porosity, the degree of absorption and the application method used.

Approximately it has a yield of approximately 7 m²/L (consumption approximately 0.15 L/m²) per coat.

With a 20 L canister it is possible to cover a surface of approximately 70 m² (2 coats).

High temperatures can increase product consumption.

PACKAGING, STORAGE AND WARRANTY

Plam Sealing/L Isoplam® is supplied in 5 L or 20 L tanks.

If stored properly, at temperatures between +5°C and +35°C, they are guaranteed for 12 months from the packaging date shown on the can identified in the lot number. The lot numbers have the following meaning: year / month + progressive production number.

Isoplam® guarantees that its products are free from defects.

Isoplam® guarantees its products but not the work of application of the same.

SAFETY

Plam Sealing/L Isoplam® is flammable: take all the necessary precautions and those indicated in the Safety Data Sheet to be consulted before use.



Plam Sealing/L is intended for professional use only.

IMPORTANT:

The range of Isoplam Plam Sealing is intended for the use as indicated above. Adding any other product will impair the final result. All information contained herein is based on the best practical experiences and laboratory research. It is the customer's responsibility to determine whether the product is suitable for the intended application. The manufacturer declines all responsibility on the results due to incorrect application of its products. The product shall always be tested on a small area before full scale application. This data sheet replaces all previous data sheets. ISOPLAM reserves the right to change the data on the data sheet at any time. The range of Isoplam Plam Sealing is intended for professional use only. ISOPLAM provides frequent and on demand trainings for its customers. The use of ISOPLAM products without receiving the proper certification will be at the customer's own risk.