



c o n c r e a t i v i t y



PLAM SEALING PLAM SEALING/L PLAM SEALING/S

Solvent-based acrylic protection

DESCRIPTION

The range of protection products Isoplam® Plam Sealing includes acrylic monocomponent solvent-based resins, for all concrete surfaces subject to vehicle and pedestrian traffic.

Isoplam® Plam Sealing protections are UV-resistant, non-yellowing, anti-mold, anti-dust, anti-stain; they increase the resistance to wear and abrasion, brighten the color of the floor and withstand various types of household products and cleaners.

FIELDS OF USE

The three versions of Isoplam® Plam Sealing protection are available to protect several types of floors from weather and aggressive agents:

- a) **Isoplam® Plam Sealing.**
Suitable for the protection of industrial concrete floors, useful as anti-dust and for the revitalization of the colors. If applied soon after the creation of the floor, it has also an anti-curing property.
- b) **Isoplam® Plam Sealing/L.**
Recommended for the protection of Stamped Concrete floors, Isoplam® ItalianTerrazzo™ floors (containing grits of maximum 1.5 cm in diameter) and Isoplam® Plam Spray floors. It gives them color brilliance, facilitates routine cleaning and gives a pleasant shine.
- c) **Isoplam® Plam Sealing/S.**
Recommended for the protection of Stamped Concrete floor realized in areas with severe climates and close to the sea. It increases resistance to wear caused by freeze-thaw cycles and by salt. It revives the color and gives shine to the surface.

In all three of the described protective versions, Isoplam® Antislip powder can be added to create a non-slip surface.

APPLICATION

Make sure the substrate is dry and clean. In the case of floors that are particularly "closed" (for example industrial floors), it is recommended to wash the surface with Isoplam® Plam Apripori.

Isoplam® Plam Sealing protections are ready for use and can be applied by using Isoplam® Airless pump or Isoplam® medium-haired rollers.

Apply in two coats, with a 12/24 hours pause between each coat depending on the season: the first penetrates deeply, the second remains on the surface and provides additional protection from the external elements.



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It is possible to give an additional coat after a few years if the floor is particularly exposed to atmospheric agents or wear. In this case, the floor has to be properly washed.

The range of Isoplam® Plam Sealing protections should not be applied in the following cases: in presence of oil stains, of resins or other previous treatments; in presence of rain (or if it is going to rain); with surface temperatures below 5°C or above 35°C; on extremely hot areas (the products are flammable).

The treated surfaces are walkable after one day (summer season), while complete hardening occurs after about 7 days.

CONSUMPTION

The average consumption may vary depending on the porosity, the degree of absorption and the method of application used

On average, the first coat of the product has a yield of 6/8 m²/ Lt; the second coat has a yield of 10/12 m²/ Lt.

High temperatures could increase the consumption of the product.

TECHNICAL FEATURES

Aspect	Transparent liquid
Solids content	Plam Sealing 18% Plam Sealing/L 25% Plam Sealing/S 30%
Specific weight (UNI EN ISO 2811/1-02/03)	0,92 g/ml a 25°C (Plam Sealing) 0,93 g/ml a 25°C (Plam Sealing/L) 0,95 g/ml a 25°C (Plam Sealing/S)
Viscosity Ø 4-23°C (UNI EN ISO 2431-08/02)	
Phase	Solvent
Water absorption and resistance to alkalis (UNI EN 13580)	<7.5% (Plam Sealing/L)
Water absorption by capillarity (UNI EN 13057)	W<0.1 kg/m ² ·h0.5-W3 (Plam Sealing/L)
Penetration depth (UNI EN 1504-2 P.19/3)	<10mm – class I (Plam Sealing/L)
Wear index (UNI EN 7784-2/1997)	0,0005 (Plam Sealing/L)
Resistance to liquids (UNI EN 2812-1)	after 24 hours from application, there was no obvious variations of satin finish (Plam Sealing/L)

PACKAGING, STORAGE AND WARRANTY

ISOPLAM® PLAM SEALING, PLAM SEALING/L and PLAM SEALING/S are supplied in cans of 5lt and 20lt.

Store at temperatures between +5°C and +35°C.

If properly stored, it keeps for 12 months in its original sealed packages.

Consult the security sheet before use. Isoplam® Plam Sealing is intended for professional use only.

SECURITY

The range of Plam Sealing Isoplam® protections are flammables: take all the necessary precautions, as indicated in the Security Sheets.

The range of Plam Sealing Isoplam® protections are intended for professional use only.

ISOPLAM S.R.L.

Via E. Mattei, 4 – Z. I. Maser (TV) – Italia Tel. (+39) 0423 925023 Fax (+39) 0423 926119 www.isoplam.it
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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.