

# PLAM SEALING/O

Solvent-based acrylic protector  
for low absorbent substrates

## DESCRIPTION

Plam Sealing/O Isoplam<sup>®</sup> 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/O Isoplam<sup>®</sup>:

- is resistant to UV rays;
- does not yellow over time;
- has a high impregnating 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 household products and detergents;
- increases resistance to wear and abrasion;
- revives and tones the color of the flooring (wet effect);
- slows down the deterioration of outdoor floors subject to freezing and thawing cycles.

## FIELDS OF USE

Plam Sealing/O is indicated for the protection of industrial concrete floors and has an anti-dust and color brightening action. If applied the day after the flooring was completed, it also performs an anti-evaporation action.

It is also ideal for the protection of external floors in Microverlay<sup>®</sup> Isoplam<sup>®</sup> microcement, those in low thickness helicoptered Skyconcrete<sup>®</sup> Isoplam<sup>®</sup>, those in ItalianTerrazzo<sup>®</sup> Isoplam<sup>®</sup> which contain rounded grits larger than 1.5 cm in diameter and of stamped plasters.

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

Isoplam<sup>®</sup> Antislip powder can be added to Plam Sealing/O in order to make the surface non-slip or Isoplam<sup>®</sup> Plam Renova antiqing agent to give a glaze of color to the treated surface.

## APPLICATION

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

On smooth concrete floors Plam Sealing/O can be applied already the day after casting in order to counteract the rapid drying of the surface.

In the case of particularly "closed" surfaces (for example helicoptered industrial floors with a closed finish) it is advisable to sand the surface lightly beforehand, vacuum it, wash it with suitably diluted Plam Apripori Isoplam<sup>®</sup>, rinse and let it dry.

Plam Sealing/O is ready to use and can be applied using an airless pump or a short or medium pile roller. It is applied in two 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.

To avoid the formation of rolls, it is advisable to apply the first coat by spray or to apply it with a roller, crossing the coats from the first coat.

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

Close the product container immediately after use.

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 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

## CONSUMPTION

Consumption varies according to the porosity, the degree of absorption, the degree of humidity, the thickness of the surface and the method of application used.

As an indication, the first coat of product has a yield of about 7 m<sup>2</sup>/L (consumption about 0.15 L/m<sup>2</sup>); the second coat has a yield of about 10 m<sup>2</sup>/L (consumption about 0.1 L/m<sup>2</sup>), i.e. with a 20 L tank it is possible to cover a surface of over 80 m<sup>2</sup> for the two coats.

High temperatures can increase product consumption.

## PACKAGING, STORAGE AND WARRANTY

Plam Sealing/O 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/O Isoplam® is flammable: take all the necessary precautions and indicated in the Safety Data Sheet to consult.

Plam Sealing/O 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.