

# ANTIOLIO IMPREGNATION TREATMENT

## Water and oil repellent for concrete

### DESCRIPTION

Antiolio Impregnation Treatment Isoplam® is a matt acrylic-siloxane product solvent-based, water and oil repellent.  
It efficiently protects concrete floors by penetrating into them.

### FIELDS OF USE

It is used both in the industry sector (concrete floors for garages, warehouses,...), commercial environments (concrete floors for shops and showrooms,...) as well as civil (Nuvolato floors for homes, stamped concrete for exteriors, Italian Terrazzo™ exposed aggregate floors,...).  
Used on surfaces treated with Plam Densifier Isoplam®, it ensures the right protection, given that the product achieves the suitable degree of effectiveness.

### ADVANTAGES

Antiolio Impregnation Treatment Isoplam® has several functions:

- It protects the floor from oil, grease, diesel oil, salt efflorescences;
- Thanks to its water repellency, it prevents the formation of cracks and chips caused by the water penetration during the freeze/thaw cycle;
- It reduces maintenance costs;
- It facilitates the surface ordinary cleaning;
- It is UV resistant;
- It does not change the permeability to water vapor of the support;
- It does not create any glossy coat, by widely penetrating into the support.

### SUPPORT PREPARATION

The concrete surface must be mature (at least 21 days), free of dirt, oils, resins, curing agents, waxes and efflorescences. Repair any cracks or fissures at least three days before the application of Antiolio Impregnation Treatment Isoplam®.

If the surface does not exist yet, it is always recommended the use of Nylon Isoplam® as a vapor barrier and the nonwoven fabric in order to prevent rising damp.

The product does not cover stains or damaged parts.

Depending on the dirt, wash the surface with Plam Super Cleaner Isoplam® degreaser and rinse well, or with Apriori Isoplam® and rinse with liquid

Neutra Clean Isoplam®.

Once all water residues have been completely removed, let the surface dry for at least 24 hours before applying Antiolio Impregnation Treatment Isoplam®.

Protect with Nylon Isoplam® all the parts that must not be treated: the product can damage glass, plastic and plants.

## APPLICATION

Mix the product well before use in order to disperse the active ingredients evenly.  
The product must not be diluted and can be applied by brush, roller or spray (low pressure max 0.5 bar) in order to impregnate evenly the surface. The product intensifies the color of the surface.  
Apply a second coat of Antiolio Impregnation Treatment Isoplam® on highly porous surfaces at least 24 hours after the first coat: too early applications may cause the product peeling. The over-application can cause a further slight darkening of the surface.  
Clean the equipment with solvent.  
Antiolio Impregnation treatment Isoplam® develops repellency to water and oil within 5-6 hours and it is completed within a couple of days.  
The surfaces treated with Antiolio Impregnation treatment Isoplam® should be cleaned with special detergents.

### Note:

The operating temperature must be between 5°C and 35°C.  
The surface must be completely dry: do not apply outdoor if it has rained in the last 24 hours or if rain is expected within 24 hours.  
Do not apply outdoor in presence of high winds to prevent rapid drying of the product.  
Always test Antiolio Impregnation treatment Isoplam® before its application.

## CONSUMPTION

The approximate consumption is:

- on porous surfaces, stamped concrete or ItalianTerrazzo™: 250-350 g / m<sup>2</sup> for 2 coats.
- on smoothed surfaces with power trowel (nuvolato or industrial floors): 200-250 g / m<sup>2</sup> for 2 coats.
- on smoothed or polished surfaces treated with Plam Densifier Isoplam®: 150-200 g / m<sup>2</sup> for 2 coats.

## PACKAGING, STORAGE & SAFETY

Antiolio Impregnation treatment Isoplam® is available in packs of 5 or 20 Lts.  
Store in sealed containers in a cool, ventilated place at temperatures between 5 °C and 35 °C.  
If properly stored in its original containers the product is kept for about 12 months from the date shown on the package (the batch number indicates, in sequence, year / week / day). Consult the Safety Data Sheet before use.

### IMPORTANT:

The product Antiolio Impregnation treatment 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.

Antiolio Impregnation treatment is intended for professional use only. ISOPLAM provides recurring and on demand training for its customers. The use of ISOPLAM products without receiving the proper certification will be at the customer's own risk.