

ISO DEACTIVATOR

Superficial Deactivator for Italian Terrazzo or concrete surfaces

DESCRIPTION

Isoplam® Iso Deactivator is an emulsion that retards the concrete hydration of concrete surfaces that are not in contact with the formwork or of Italian Terrazzo™ surfaces. The product, applied on the concrete, creates a protective film that is resistant to the rain and to the sun, assuring then the ripeness. Isoplam® Iso Deactivator allows the cleaning of the surface within 24-48 hours, depending on thermal conditions.

The formulation is solvent-free and this facilitates the use:

- the product is liquid, non-flammable and with a pleasant smell;
- the product does not stain materials;
- the washing of the application material is made simply with water.

FEATURES

Type of Iso Deactivator	Color	pH	Deactivation	Aggregates dimension (mm)
MEDIUM	YELLOW	2,2	MEDIUM	9-15
MINI	BLUE	2,2	THIN	4-8
MAXI	GRAY	2,2	LARGE	16-25

Density at 20°C: about 1,06 g/ml

Dynamic viscosity at 20°C: <500 mPa.s

PACKAGE

Buckets of 18 Lt.

STORAGE

Duration: it keeps for 12 months at temperatures between +5°C and +35°C.

FIELDS OF USE

Isoplam® Iso Deactivator is used on every Isoplam® Italian Terrazzo™ and concrete surfaces:

- Outdoor (squares, parkings, yards, poolsides, pedestrian areas, ramps, ...);
- Vertically (realization of risers of the steps);
- Street furniture.

DOSAGE

Consumption: Lt 1/4 – 5 m².

USE

1

ISOPLAM S.R.L.

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

Azienda certificata UNI EN ISO 9001:2015

Rev. del 27/07/2016

To obtain good results, it is important that the concrete or Italian Terrazzo™ mix is uniform, stricken off and treated with a hand trowel and, if necessary (not for the Italian Terrazzo™), with a short vibration. A strong vibration would cause the separation of the aggregates from the mix. The typology and the dosage of the concrete influences the clinging of the concrete.

If you use a rapid clinging concrete or if the formulation of the mix contains much concrete, the excavation depth decreases.

The quantitative of thin aggregates in the concrete or in the Italian Terrazzo™ influences the final aesthetical result.

Try the product before use.

Isoplam® Iso Deactivator must be thoroughly mixed with an electric drill and applied uniformly by an Isoplam® professional pump or machinery with 2/4 bar pression.

After 4-48 hours of the Iso Deactivator application, it is necessary to wash the surface with water (100-150 bar pression). The operation must be careful to use the pump at a distance of 20-40 cm from the concrete surfaces.

The throw will be at an angle of 45° with the surface of concrete to be treated.

Recommendations:

The temperatures of use of Isoplam® Italian Terrazzo™ must be between +5°C and 28°C. It is important to consider the thermal conditions during the mix laying. Windy days may cause a too fast drying and cause then cracks on the surface (it is recommended to use an Isoplam® Nylon sheet).

Superficial deactivators act in a different way if the surface is sun exposed or in the shadow and this may cause a different exposition of the aggregates: it is recommended to use an Isoplam® Nylon or an overshadowing sheet and to wash the surface in the most proper moment.

Possible grout residues can be removed using an Isoplam® monobrush with soft bristles and Isoplam® Plam Apripori, or applying Isoplam® Grout Remover on the surface.

The faster is the intervention, the more efficient is the removal.

CHOICE OF THE PRODUCT

The excavation depth should be 1/3 of the maximum aggregate dimension that will be on the surface. In order to reach the depth desired, the choice of Isoplam® Iso Deactivator typology depends on many features: concrete dosage, concrete type, kneading, thermal conditions, etc.

Try the product before use.

WARNING

Isoplam® Iso Deactivator is an irritating product. It is recommended to use personal protective equipment. Consult the Safety Data Sheet before use.

IMPORTANT:

The product ISO DEACTIVATOR 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. ISO DEACTIVATOR 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.