

IDEAL WAVE

Thickener for IDEAL COLOUR 51 for creating coloured epoxy paving in water base

DESCRIPTION

In combination with IDEAL COLOUR 51 (two components), IDEAL WAVE allows the creation of a paved resin flooring with excellent aesthetic and mechanical characteristics, with a warm and cloudy appearance.

The mixture is applied in several coats whose colour can be combined to obtain original colour effects. After hardening, a transparent, glossy or satin polyurethane protective finish can be applied.

The IDEAL WAVE flooring is non-slip and forms a surface with irregular wave-shaped patterns given by the trowel process.

IDEAL WAVE can be applied on any type of support with regular flatness, provided it's healthy and with good mechanical strength and on existing floors.

IDEAL WAVE is waterproof, has good resistance to abrasion and wear, is non-slip and requires no special maintenance.

APPLICATION

1 - Preparation of the support

Abrasion of the support performed with a vacuum pelletizer or with a sander with silicon carbide disks, etc.

Restoration of possible lesions, holes and irregularities performed with pre-packed epoxy mortars.

A) support consisting of stoneware tiles, with regular joints, firmly bonded or from CONCRETE or SAND-CEMENT

First apply a coat of IW EPOXY COAT with quartz dust (01.0,5mm). In case of deep joints lay a fibreglass mesh in advance to mask the joints.

B) In the presence of RISING HUMIDITY

Preventive surface shaving with BARRIER-CEM, tri-component epoxy primer applied with an American trowel (consumption 1.5 Kg/m²). Subsequent application of a coat of IW EPOXY COAT with quartz dust (01.0.5mm).

2 - Paved flooring, IDEAL WAVE.

2.1- Preparation of the coloured EPOXY STONER BASE LAYER using a spatula to form a base colour of the base colour (consumption about 300 g/m²). Preparation of the grout:

- IDEAL COLOR51 comp "A" ----- 100 parts
- IDEAL COLOR51 comp "B" ----- 100 parts
- IDEALWAVE ----- 100 parts

- SANDING with very fine mesh paper (100 grit) and cleaning.
- DRAWING of the second coat (possibly of a more different colour to give the desired nuances to the floor). Consumption: around 150 g/m². The composition of the stucco is the same.

SANDING with very fine mesh paper (100 grit) and cleaning.

- DRAWING of the 3rd hand as in the previous point.

Consumption: about 100 g/m².

SANDING with very fine mesh paper (100 grit) and cleaning.

- DRAWING of any additional hands (as in point 2.3) to give the floor the desired chromatic shades.

Consumption: 60 g/m².

SANDING with very fine net paper (220 grit) and cleaning.

- FIRST HAND OF FINISH WITH POLISHED RESIN IDEAL PU78 polyurethane for consumption of 75-100 g/m².
- SECOND HAND FINISH WITH OPAQUE or LUCIDA IDEAL PU78 polyurethane resin for consumption of 75-100 g/m².

CLEANING AND MAINTENANCE

IDEALWAVE is a floor with excellent surface hardness; the dirt residues that are deposited following trampling can be easily eliminated with a mono-brush and scrubber, using non-foaming floor detergents. IDEAL WAVE doesn't require maintenance (waxes, impregnation, etc.) and is normally cleaned using a vacuum cleaner.

PACKAGING

IDEAL WAVE® is available in packs of 5 L.
IDEAL COLOUR 51 (A+B) in packs of 10 L

It can be stored for about 24 months in original containers

WARNINGS

- The substrate must be healthy, compact, dry and clean, with a regular and well-defined flatness.
- Resin flooring can't be considered self-supporting and to achieve the intended performance must adhere perfectly to the support and form a single body with it.
- The substrate must have sufficient thickness to ensure suitable mechanical characteristics to withstand the static and dynamic loads that will weigh on the flooring.
- The binder used is an epoxy polymer that hardens faster the higher the ambient temperature (minimum 15 °C). With the cold season, in order to avoid temperature decreases, it's advisable for the fixtures to be fitted and for heating devices to be provided.

IMPORTANT:

All the information contained in this sheet is based on best practices and laboratory applications. It is the customer's responsibility to check the product is suitable for the intended use. The manufacturer declines any responsibility for the wrong application. It is recommended to carry out tests on small areas before applications. This sheet replaces and cancels any previous one. The data contained can be changed at any time. Ideal Work products are for professional use, and the company organises periodical training for its customers on demand. Anyone who uses these products without qualification takes all the associated risks.

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