

## IDEAL FX-ECO

Water-based, self-cross-linking resin for concrete surfaces

### DESCRIPTION

IDEAL FX-ECO is a water-based non-yellowing blush-resistant curing and protective resin designed to provide attractive high-gloss sealing qualities that are completely resistant to discoloration from ultraviolet light exposure.

IDEAL FX-ECO is formulated with Zero-VOC (Volatile organic compound), self-cross-linking chemical emulsion, thus providing very durable and excellent protection of concrete surfaces. IDEAL FX-ECO is suitable for use on interior and exterior, horizontal and vertical surfaces.

The durable surface film of IDEAL FX-ECO bonds well to clean, sound concrete surfaces. It forms a non-yellowing membrane and develops good to excellent resistance to contaminant penetration and abrasion.

### USE FIELD

- Decorative Concrete floors.
- Flooring and coating in Microtopping
- Acid Stain floors and 'Nuvolati' floors
- Sassoitalia

The advanced, self-cross-linking chemistry of IDEAL FX-ECO transforms the easy to spray polymer solution into a very hard resin film that resists abrasion.

### FEATURES & BENEFITS

- Non-yellowing, non-blushing formula, resistant to whitening.
- Zero VOC
- Recommended for interior and exterior use
- Excellent to use in combination with densifiers such as Ideal Hard and Ideal Hard Plus.
- Good chemical resistance (see precautions). We recommend carrying out a sample or mock up area to assess the product resistance to potential contaminants. It is also necessary to assess the product resistance over different periods of time. For example: resistance to wine after 5-15, 15-30 and 30-60 minutes.

### TECHNICAL DATA

#### Typical properties:

Coverage Rate	6-8 (m <sup>2</sup> /liter)
Dry Time, set to touch, minutes	60
Surface Gloss (2 Coats)	Medium
VOC, gms/liter	Zero

### INSTALLATION

#### New Concrete

Dilute the first coat up to 50% with water. Apply one uniform thin coat with a low pressure spray and roller. Do not allow to puddle. A second sealing coat may be applied after 2 to 6 hours.

### Recoating existing Concrete

Remove all grease and clean surfaces of all contaminants and stains with Ideal Strong diluted 1:5 with water and rinse well. Allow surface to dry. Apply one or two uniform coats as required, without allowing this to puddle. Allow first coat to dry before applying second coat, between 2- 6 hours.

### Tool Cleaning

Before the resin dries, clean with water and soap. After it dries, use aromatic solvents.

### For best results:

- IDEAL FX-ECO should be applied in thin, even coats, avoid applying too much product. It is recommended, if the work conditions allow, to encourage good air circulation to improve drying rate and film properties.
- Drying of IDEAL FX-ECO is accomplished by the evaporation of water. For proper film development, apply only when the surface temperature is over 8°C and the relative humidity is below 80%.
- Apply at least 3-4 days after concrete casting. Too much humidity on the surface can be detrimental to proper film formation.
- DO NOT FREEZE. Do not apply or store in sub-freezing weather.

## CONSUMPTION

The indicative consumption of pure product for one coat is 60-80 g/m<sup>2</sup> on very dense surfaces (such as Microtopping) and 100-150 g/m<sup>2</sup> on more porous surfaces. Suggested dilution 10-50%. Always carry out tests according to the type of surface to be treated.

## STORAGE / SHELF LIFE

IDEAL FX-ECO is provided in 10 L pails.

IDEAL FX-ECO can be stored for at least 12 months in its original sealed container.

## PRECAUTIONS

Use with adequate ventilation. Avoid contact with skin, eyes and clothing. Wear skin and eye protection. Wash thoroughly after handling. Do not take internally. Do not return unused material to container. Remove foodstuffs from interior application area prior to installation. Return food only after the area is odor free.

We recommend carrying out a sample or mock up area to assess the product resistance to potential contaminants. It is also necessary to assess the product resistance over different periods of time. For example: resistance to wine after 5-15, 15-30 and 30-60 minutes.

Different surfaces and applications can strongly change the chemical resistance and protection of IDEAL FX-ECO.

Please refer to the Product Material Safety Data Sheet (MSDS) before using.

### IMPORTANT:

All information contained in this sheet are based on the best laboratory practices. The customer should check that the product is suitable to the use it is destined to. The manufacturer will not be held responsible for any wrong application results. We recommend to always carry out samples on small surfaces before the application. This sheet replaces and cancels any previous ones. The data contained in it can be changed at any time. We remind you that Ideal Work products are destined to professional use and Ideal Work provides periodic training to all customers that will request it. Anyone using these products without authorization, does it at its own risk.

IDENTIFICATION ISO9002 - IDEAL FX-ECO EDIZ. 01 of 01.02.2014 Revision 01