

IDEAL SEALER

ideal sealer-r new

ideal sealer-m new

Solvent-based single-component acrylic resin

Description

IDEAL SEALER is a solvent-based single-component acrylic resin for conventional and decorative concrete surfaces, particularly suitable for outdoor application.

Features

IDEAL SEALER has excellent resistance to abrasion, water, external agents and UV rays, does not yellow and does not contain styrene. It also has good resistance to many household chemicals and food stains.

Its special formulation revives colours, produces a wet effect and protects them against UV rays. IDEAL SEALER considerably reduces the absorption of soiling agents and has a dustproofing effect.

It is suitable for both indoor and outdoor use.

Fields of application

IDEAL SEALER is recommended for

- Horizontal concrete surfaces, including and textured, imprinted slabs.
- Microtopping®
- Architop®
- Rasico ® and Stencil-top

IDEAL SEALER is available in 2 versions which differ with the percentage of solid content:

IDEAL SEALER MEDIUM: a minor RS for closed, dense surfaces, e.g. Architop, Microtopping, trowel smoothed concrete;

IDEAL SEALER REGULAR with a higher solid content is suitable for more open, porous and absorbent concrete surfaces (imprinted, Rasico, Stenciltop).

Applied in a light coat after the final trowel pass, it controls evaporation and curing.

Application

IDEAL SEALER Resin is single-component and ready to use.

IDEAL SEALER acts by “absorption”, it is therefore essential that the product can penetrate the surface. On new industrial floors finished with a trowel and considered ‘tight’, it is recommended to wash and brush the surface with IDEAL OPEN (dilution 1:5), or to sand the surface in order to make it more readily accept the application.

The surface to be treated must be completely dry and free from oil, grease, varnish, anti-evaporation agents, waxes, friable materials, dust particles or any compound that may inhibit or prevent penetration of the resin. Do not apply in the presence of rain, when the temperature is below 5 °C or in the presence of high temperatures or intense solar radiation.

For the application on Microtopping, Rasico and Architop, wait 1–2 days after laying and at least one week on fresh concrete.

Apply the resin in two coats with an airless pump or roller. The first coat is completely absorbed by the substrate whilst the second coat creates an additional barrier against normal wear and tear and the action of external agents.

In the presence of humidity or water, whitish stains may form, which can be removed with a normal solvent.

IDEAL SEALER cures completely within 7 days.

Technical data

DESCRIPTION	UNI RULES	RESULTS
Specific Weight	UNI EN ISO 2811/1–02/03	920 ± 20 g/l (Ideal Sealer – Regular) 900 ± 20 g/l (Ideal Sealer – Medium)
Viscosity 4–23°C	UNI EN ISO 2431-08/02	26±2” (Ideal Sealer – Regular) 15±2” (Ideal Sealer-Medium)
Coeff. Water absorption at 24 hours	UNI EN ISO 1062-3	$W_{24}=0,011 \text{ Kg/m}^2\text{t}^{1/2}$
Taber wear index	UNI EN ISO 7784-2/1997	0.0006
Resistance to mould growth	UNI EN ISO 11,021	No development after 14 days
Resistance to Liquids	UNI-EN ISO 2812-1 I. GASOLIUM II. LUBRICATING OIL III. WATER MARINA IV. CHLORINATED SWIMMING POOL WATER	No change in gloss after 24h and 16h rest.

Yield

Surface	Consumption per coat	Yield for 2 coats
Imprinted floor	140 g/m ²	70 m ² with a 20-l pot
Microtopping, Architop, Rasico, Stenciltop	120 g/m ²	85 m ² with a 20-l pot
Industrial floors	100 g/m ²	100 m ² with a 20-l pot

With airless spray application, the consumption can be reduced by up to 20%.

During particularly hot days, it is recommended to apply the resin early in the morning, possibly by roller. Excessive heat can significantly increase resin consumption.

Packaging/Storage/Disposal

IDEAL SEALER is supplied in 20 L approved pots.

The product must be stored in a dry and ventilated place, with temperatures not lower than + 5 °C. The product, if safely stored and in its original closed container, is guaranteed for 12 months.

Warnings

The product is flammable, do not smoke during use or apply the resin on or close to hot surfaces. Avoid contact with skin, mucous membranes, eyes, etc. In the event of accidental contact, wash the affected area thoroughly with soap and water and consult a doctor. The use of protective masks and gloves is recommended. In closed rooms provide good ventilation and avoid inhalation of vapours.

Consult the safety data sheet.

IMPORTANT:

All the information contained in this sheet is based on best practical and laboratory experience. It is the customer's responsibility to verify that the product is suitable for the intended use. The manufacturer declines all responsibility for the results of incorrect application. It is recommended to always carry out tests on small areas before application. This sheet replaces and cancels all previous versions. Data can be changed at any time. We also remind you that Ideal Work products are intended for professional use and that Ideal Work provides periodic training for its customers on request. Anyone who uses these products without being qualified, does so at their own risk.

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