

IDEAL PU WB-EASY

Water Based, two-component transparent polyurethane coating

Description

IDEAL PU WB-EASY is a two-component, superior, chemically resistant, water based polyurethane floor coating system. This new formulation ensures easy and quick application, diminishing any possible shortcomings even when applied by roller. IDEAL PU WB-EASY is matt but has a slight reflective effect under skimming light. It has to be applied in combination with IDEALPU-WB PRIMER and creates a UV stable matt finish.

Features

- Hard film, good flexibility.
- Excellent adhesion
- Natural matt look with a slight reflective effect for skimming light
- Low VOC. Excellent for interior applications
- Good mechanical resistance to wear and scratching.
- Excellent colour stability over time to ultraviolet rays and weather agents.
- Good resistance to chemicals, such as oils, foods, coffee.
- Physical and mechanical properties unchanged over time.
- It is available in the version WB EASY (20-25 gloss) and WB EASY SL (40-45 gloss)

Uses

IDEAL PU WB-EASY in combination with PRIMER WB (see Technical sheet) is used as protective coating for:

- Microtopping and other cement based overlays.
- Architop decorative surfaces.
- Industrial and Nuvolato floors.
- Vertical decorative surfaces.

Mixing

Use ratio in weight:

Comp A		Comp B		Water
10 parts	+	2parts	+	10% of (A+B)

Thoroughly mix catalyst "B" and component "A", taking the utmost care to remove any unmixed product from the walls and bottom of the container. Once the mixture is homogeneous in all its parts add 10% of clean water, stirring constantly.

Working time: 120 minutes at 20° on standard package.

Application

Apply IDEAL PU WB-EASY on sound, compact and cured surfaces which are dry, clean and free from oil, grease and loose friable particles.

The surface must be previously treated with PRIMER WB.

IMPORTANT: Do not apply IDEAL PU WB_EASY when the substrate temperature is lower than +10°C or higher than +28°C and the Relative Humidity is more than 70%. Do not apply on wet surfaces or in the likelihood of moisture passage. Too much humidity in the air may inhibit drying of the product.

In order to obtain a closed and tight coat, IDEAL PU WB-EASY is best applied by short pile Mohair roller or by airless spray.

One coat may be sufficient but to obtain a full protection 2 coats are recommended.

The second coat must be applied when the first coat is completely dry, indicatively 3-4 hours.

If a second coat is applied after more than 48 hours, the surface must be fully sanded with an abrasive paper disc (black) for better adhesion.

Technical Information

Description	Standard	Results
Gloss index 60° WB EASY WB EASY SL	UNI EN ISO 2813	20-25 Gloss 40-45 Gloss
Wear Resistance (Taber Abraser-Mole CS 10 kg 11000 rounds) loss of weight:	ASTM D 4060	< 20 mg
Specific weight at 20°C (A + B)	UNI EN ISO 2811	1,0 ± 0,05 Kg/L

REACTION TIME 20°C and 65% R.H.

Temperature range	+10° +25°
Pot life	2 h
Dust free time	30 min
Recoat time	3-4 h
Set for light foot traffic	12 h

Coverage

Varies with substrate absorption.

Approximately 50 g/m² (each coat)

To create a strong and resistant film, it is strongly recommended to apply thin coats of IDEAL PU WB-EASY. Do not apply thick coats.

Packaging / Storage / Disposal

A+B = 5kg+ 1kg packaging.

Sensitive to humidity: Once poured, this product should not be put back into its original container.

It can be stored for at least one year in its original sealed containers.

Precautions

Avoid skin and eye contact; it is harmful if swallowed. When used in enclosed areas, appropriate ventilation must be provided. Product residues and empty containers are to be disposed of in compliance with the local regulations.

IMPORTANT

All information contained in this data-sheet is based on the best practical and laboratory expertise. The customer is responsible for checking the product is suitable for use. The producer does not accept any responsibility arising from incorrect application. We recommend testing the products on small surfaces prior to use on the jobsite. This data-sheet replaces and annuls all previous versions. Data may be changed anytime. We also remind you that Ideal Work products are for professional use only and Ideal Work provides customers with training opportunities upon request. Whoever uses these products without authorisation shall take full personal responsibility and the outcome will be at their own risk.

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