

## 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 an easy and quick application and diminishes the possible shortcomings due to the use of roller. IDEAL PU WB-EASY is matt and has to be applied in combination with IDEALPU-WB PRIMER (neutral) or IDEALPU-WB PRIMERWET (wet effect - colour enhancing) and creates a UV stable matt finish.

### CHARACTERISTICS

- Hard film, good flexibility.
- Excellent adhesion
- Natural matt look.
- 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.

### AREAS OF USE

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.

### TECHNICAL SPECIFICATIONS

| DESCRIPTION  | STANDARD        | RESULTS           |
|--|-----------------|-------------------|
| Gloss index 60°  | UNI EN ISO 2813 | 5-6 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/Lt. |

### REACTION TIME 20°C e 65% R.H.

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

### MIXING

**Use ratio in weight:**

| Comp.A   |   | Comp. B |   | WATER        |
|----------|---|---------|---|--------------|
| 10 parts | + | 2 parts | + | 10% of (A+B) |

Thoroughly mix catalyst "B" and component "A", taking the utmost care to remove any unmixed product from the walls and from the 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 and grease.

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 superior than +28°C and the Relative Humidity is more than 70%. Do not apply on wet surfaces or in case of possible moisture passage. In case of too much humidity in the air, the product may have drying problems.

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 can 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.

### COVERAGE

Varies with substrate absorption.

Approximately 30-40 g/m<sup>2</sup> ( 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 AND STORAGE

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.

### NOTICE

Avoid skin and eye contact; it is harmful if swallowed. For use in closed areas provide appropriate ventilation. Product residues and empty containers are to be disposed of in compliance with the local rules in force.

**IMPORTANT:**

All the information contained in this sheet is based on the best practical 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 wrong application. It is recommended to carry out tests on small areas before application. This sheet replaces and cancels any previous one. The data contained can be changed at anytime. Ideal Work products are for professional use and the company organizes periodical training of its customers on demand. Anyone who uses these products without qualification does so at their own risk.

-IDEAL PU WB-EASY EDIT. 01 of 18/10/2017 Review 01



## IDEALPU-WB PRIMER



min 3 - max 4

ore / hours / heures / Stunden



## IDEALPU-WB EASY



1° mano / coat / couche / Schicht

min 3 - max 4

ore / hours / heures / Stunden



## IDEALPU-WB EASY



2° mano / coat / couche / Schicht

8 - 12 ore / hours / heures / Stunden



traffico pedonale leggero / light  
pedestrian traffic / circulation  
piétonnière légère / leichter  
Fussgängerverkehr



7 giorni / days / jours / Tage



massima resistenza chimica /  
maximum chemical resistance /  
résistance chimique maximale /  
hohe Widerstandsfähigkeit  
gegenüber Chemikalien

consultare sempre la scheda tecnica prima dell'uso /  
read data sheet before use / consulter la fiche  
techniques avant l'utilisation / technisches Datenblatt  
vor Gebrauch sorgfältig lesen