DECORATIVE FLOORS · WATER-BASED PUD

PUD WB Basecoat Matt 2K

Water-based matt coloured PUD intermediate coat

COLOUR
RAL colours
matt colour basecoat

1.25 g/cm³	54.5 %	45 min	5 h	0.120–0.150 kg/m²
Specific gravity (mixed)	Solids (by weight)	Touch dry	Intercoat waiting time	Theoretical, per coat

Product description

PUD WB BASECOAT MATT 2K is a two-component, water-thinnable, coloured and matt intermediate coating based on PUD. It is used as a colour basecoat before a transparent sealer.

Product usage

- Concrete, micro-concrete and stamped concrete
- Wall surfaces
- PVC, parquet and linoleum floors – direct application

Advantages

- Fast drying
- Low VOC
- High UV and abrasion resistance
- High adhesion performance
- Matt appearance
- Non-toxic, odourless
- Roller, brush or airless spray

Position in the system

Clear topcoat
PUD500/600 WB CLEARCOAT MATT/SEMI MATT 2K

Colour basecoat — THIS PRODUCT
PUD WB BASECOAT MATT 2K · 0.100–0.150 kg/m²

Primer (new concrete)
MICRO PRIMER WB 2K

Substrate
Concrete · micro-concrete · PVC · parquet

Water-based PUD floor system

Colour basecoat + clear topcoat · low VOC

UNICA recommends PUD500/600 WB CLEARCOAT MATT/SEMI MATT 2K over PUD WB BASECOAT MATT 2K.

unica | Boytem
BOYTEM BOYA VE KİMYA SANAYİ TİCARET LİMİTED ŞİRKETİ
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Technical data (at +20 °C)

Colour	**RAL colours**	Intercoat waiting time	**5 h**
Specific gravity (mixed)	**1.25 g/cm³**	Application temperature	**+10 °C to +35 °C**
Solids (by weight)	**54.5 %**	Open to traffic	**12 °C / 24 h · 23 °C / 18 h · 30 °C / 12 h**
Viscosity (Brookfield)	**760 cP**	Full cure	**7 days**
Touch dry	**45 min**	Mixing ratio (by weight)	**90 A : 10 B**
Theoretical consumption	**0.120–0.150 kg/m² (1 coat) · 30 µm DFT**	Shelf life	**8 months**

Application procedure

01

Surface preparation

Free of dust, dirt and oil. Roughen and prime coated surfaces older than 48 h. On new surfaces apply **MICRO PRIMER WB 2K** first. PVC, parquet and linoleum can be coated directly.

02

Mixing

Mix A and B separately, add B to A with a high-speed mixer, add 20 % water and mix for 3 min. Transfer to a clean container, mix 1 min and rest a few minutes.

03

Application

Apply by roller or airless. Work wet-in-wet to avoid roller marks, roll along the short edge, or have a second person back-roll immediately.

04

Topcoat

Recoat after 5 h. Finish with **PUD500/600 WB CLEARCOAT MATT/SEMI MATT 2K**.

Mixing ratio (by weight)



90 parts
Component A – coloured PUD

10 parts
Component B – hardener

Add 20 % water to the mixed A + B.

Application conditions
+10 °C – +35 °C
Above +35 °C, add a small amount of water to the mixture.

Open to traffic
18 h at 23 °C
24 h at 12 °C · 12 h at 30 °C. Full cure after 7 days.

Consumption
0.100–0.150 kg/m²
Varies with surface smoothness, weather and applicator technique.

Important: consumption may vary with the smoothness of the surface, weather conditions and the applicator's technique.

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Packaging

- 5 kg and 20 kg kits

Storage

- Store tightly closed in dry conditions at +15…+35 °C.
- Shelf life: 8 months from manufacture.

Safety

- Not classified as hazardous.
- Contains no mercury, asbestos, formaldehyde or lead.
- See the Material Safety Data Sheet.

Cleaning

- Maintenance: neutral pH detergent – 100 ml floor cleaner in 10 l water, soft mop, then rinse with clean water.

LEGAL NOTE

The explanations provided in this technical data sheet are based on test evaluations and results conducted according to relevant standards and are intended to guide applicators. As workmanship, weather conditions, construction, equipment used and other variables that may affect results are entirely beyond our control, UNICA does not provide any explicit or implicit warranty regarding this material. UNICA only guarantees that the material conforms to its product specifications, and its sole responsibility towards the buyer or user of this product is limited to the replacement value of the product in case of manufacturing defects. Under no circumstances shall UNICA be liable for any direct or incidental, special or consequential injury, loss or damage arising from the material or its application. UNICA shall not be held responsible in any way for any defects, alterations or changes in conditions in the substrate where its products are applied.