WATERPROOFING · WATER-BASED PUD

PUD Rooftop PRO

Highly elastic polyurethane hybrid dispersion waterproof coating

COLOUR
White
special colours on request

1.26 g/cm³	62 %	550 %	30 min	0.8–1 mm
Density (20 °C)	Non-volatile mass	Elongation	Touch dry (24 °C)	Waterproof film, 3–4 coats

Product description

PUD ROOFTOP PRO is a highly elastic, water-based pure PUD hybrid waterproof coating. Its specific additive gives high dirt pick-up resistance in addition to perfect waterproof performance.

Usage areas

- Roofs
- Walls
- Rooftop decks
- Pool sides
- Terraces and many other areas

Advantages

- Highly elastic
- Perfect waterproof performance
- Aesthetic colour options
- High dirt pick-up resistance
- Easy to apply over concrete
- Withstands abrasion – hard wearing
- Excellent bond strength
- UV stable

Position in the system

Waterproof membrane — THIS PRODUCT
PUD ROOFTOP PRO · 3–4 coats · 0.8–1 mm

Primer coat
PUD ROOFTOP PRO diluted with 20 % water

Substrate
Concrete ≥ 25 N/mm², 21–28 days

Liquid-applied waterproofing

Roofs · terraces · decks · pool sides

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

Colour	**White (special colours on request)**	Shore A	**62.2**
Density (20 °C)	**1.26 g/cm³**	Shore D	**7.1**
Non-volatile mass	**62 %**	Elongation	**550 %**
Touch dry (24 °C)	**30 min**	Consumption	**1–1.5 kg/m²**
Drying time (24 °C)	**2 h 30 min**	Film thickness	**0.8–1 mm (3–4 coats)**
Full curing time	**4 h 30 min**	Packaging	**20 kg**

Application procedure

01

Surface preparation

Concrete min. 25 N/mm², clean, dry and sound. Remove dust, laitance, oil, grease, curing compounds and hardeners. Dry to 75 % RH (BS 8204).

02

Mixing

Mix with a slow-speed mechanical mixer (300–400 rpm) – never by hand. Add only tap water if necessary, no solvents.

03

Primer coat

Dilute **PUD ROOFTOP PRO** with 20 % tap water and apply by roller.

04

Waterproof coats

Apply undiluted by roller, preferably in 3–4 layers, to reach 0.8–1 mm thickness.

Rain
10–16 h
Do not proceed if rain is expected within 10–16 h; after rain, let the surface dry completely.

Thickness
0.8–1 mm
Minimum recommended – consult Unica for thicker systems.

Consumption
1–1.5 kg/m²
Depending on substrate and required thickness.

Important: test compatibility and adhesion before application over existing coatings. Remove spills of vehicle fluids (hydraulic oil, fuel, antifreeze) promptly.

Points to consider

- Low temperatures slow drying; high temperatures accelerate it.
- Max. relative humidity during application and cure approx. 75 %.
- Substrate temperature at least 3 °C above dew point.
- Concrete moisture < 6 % by weight; concrete age min. 21–28 days.
- Repair depressions and cracks first – surface irregularities may reflect through the system.
- Do not store materials outdoors or in direct sun.
- Jobsite trials are recommended to agree on finish, consumption and workmanship.
- No special maintenance – consult Unica technical sales for recommendations.

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Packaging

- 20 kg

Safety

- Refer to the latest Material Safety Data Sheet for safe handling, storage and disposal.

Cleaning

- Clean all equipment immediately with tap water.
- Cured coating: manual cleaning only.
- Wash hands with mild soap and plenty of water.

LEGAL NOTE

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