WATERPROOFING · WATER-BASED PUD

PUD Rooftop 5232

Highly elastic polyurethane dispersion waterproof coating

COLOUR
White
special colours on request

1.25 g/cm³	66 %	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 5232 is a highly elastic, water-based pure PUD 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 5232 · 3–4 coats · 0.8–1 mm

Primer coat
PUD ROOFTOP 5232 diluted with 20 % water

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

Liquid-applied waterproofing

Roofs · terraces · decks · pool sides

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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)	**1.25 g/cm³**	Shore D	**7.1**
Non-volatile mass	**66 %**	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 5232** 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

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved construction practices. UNICA does not make, nor does it authorise any agent or representative to make, any warranty, express or implied, concerning this material, as workmanship, weather, construction, equipment utilised and other variables affecting results are all beyond our control. UNICA warrants only that the material conforms to product specifications, and any liability to the buyer or user of this product is limited to the replacement value of the product only. In no event shall UNICA be liable for any injury, loss or damage, either direct or incidental, special or consequential, however arising, in connection with material or work performed. UNICA shall not, in any manner, be liable for any defects, variations or change in condition in the substructure over which its products are installed.

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