TOPCOATS · ALIPHATIC POLYURETHANE

PU Acrylic Topcoat 2K

Two-component solvent-based aliphatic polyurethane topcoat

COLOUR
RAL colours
glossy or matt

1.35 g/cm³	48 %	2–4 h	2 h	0.180 kg/m²
Mass density (mixed)	Solids (by volume)	Touch dry	Pot life (20 °C)	at 80 µm DFT

Product description

PU ACRYLIC TOPCOAT 2K is a two-component, solvent-based, glossy or matt aliphatic polyurethane topcoat with good chemical and mechanical resistance and hygienic surface properties.

Finish over

- Solvent-based or solvent-free epoxy primers
- Epoxy undercoats
- Epoxy and polyurethane self-levelling floors
- Metal surfaces – corrosion protection

Advantages

- Good chemical and mechanical resistance
- Antibacterial, hygienic surface
- Seamless
- Good flexibility
- Good low-temperature cure
- Perfect corrosion performance on metal
- Good abrasion resistance
- Airless spray, brush or roller

Position in the system

Aliphatic PU topcoat — THIS PRODUCT
PU ACRYLIC TOPCOAT 2K · 80 µm DFT

Base coat
Epoxy / PU self-levelling or undercoat

Primer
Solvent-based or solvent-free epoxy primer

Substrate
Concrete · metal

UV-stable top protection

Aliphatic PU finish for epoxy and PU systems

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Technical data (at +20 °C)

Mass density (mixed, 20 °C)	**approx. 1.35 g/cm³**
Solids (by volume)	**approx. 48 %**
Touch dry	**2–4 h**
Overcoating interval	**min. 24 h – max. 48 h**
Consumption	**0.180 kg/m² at 80 µm DFT**
Pot life (20 °C)	**2 h**
Mixing ratio	**15.4 kg base + 4.6 kg hardener**

Mixed material temperature	**above +15 °C**
Dry to touch / handle / topcoat 10 °C	**8 h / 20 h / 28 h**
Dry to touch / handle / topcoat 15 °C	**7 h / 10 h / 24 h**
Dry to touch / handle / topcoat 25 °C	**6 h / 8 h / 20 h**
Dry to touch / handle / topcoat 35 °C	**4 h / 6 h / 18 h**
Service temperature (cured)	**-60 °C to +130 °C**

Application procedure

01

Mixing

Stir component A well, add component B at the stated ratio and mix for 3 min with a low-speed electric mixer (200–300 rpm).

02

Application

Apply by airless spray, brush or roller. Mixed material must be above +15 °C. Do not thin.

03

Overcoating

Overcoat after min. 24 h, max. 48 h – see the drying table for other temperatures.

Mixing ratio (by weight)



- **15.4 kg** — Base
- **4.6 kg** — Hardener

Also supplied as 3.85 kg base + 1.15 kg hardener.

Pot life
2 h
At +20 °C.

Consumption
0.180 kg/m²
At 80 µm dry film thickness.

Service temperature
-60 … +130 °C
Of the cured film.

Important: do not thin the product. Clean all tools with UP-002 Thinner within the pot life.

Packaging

- 15.4 kg base + 4.6 kg hardener
- 3.85 kg base + 1.15 kg hardener

Safety

- Non-hazardous when cured.
- For protective measures, transport and waste management see the MSDS.

Cleaning

- Clean all tools and equipment with UP-002 Thinner before the pot life ends.

LEGAL NOTE

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