

PU-TOPCOAT ETC

28/8/2023

PRODUCT DESCRIPTION

PU-TOPCOAT ETC is an aliphatic water-based 3-component polyurethane top coat. PU-TOPCOAT ETC is available in gloss. PU-TOPCOAT ETC prevents dirt from sticking to the floor and facilitates maintenance.

Possible on:

- Quartz carpet
- Mortar floors
- Broadcast floors

Attention: we do not advise an application on a with SAD pore-filled quartz carpet in a garage.

**CHARACTERISTICS**

- Hottire resistant
- High chemical resistance
- Easy to apply
- Very high UV resistance
- High resistance to wear
- Good resistance to hydrocarbons, acids and bases
- Mild odour during application
- Facilitates maintenance

CONDITIONS

The subfloor has to be sufficiently strong and must always be clean, dry and free from dust and fat before the floor can be cast.

PU-TOPCOAT ETC is applied onto a hardened system. The floor must have been cast in the last 24 hours.

Epoxy floors and polyurethane floors that were cast more than 24 hours ago must first be sanded lightly.

When materials are stored at lower temperatures, allow sufficient time for acclimatisation before use. Ensure adequate ventilation during hardening.

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INSTALLATION CONDITIONS

Minimum subfloor temperature	10 °C and 3 °C above dew point
Subfloor, material and ambient temperature during installation	Minimum: + 10 °C. Maximum: + 25 °C. Ideal+ 20 °C
Minimum air humidity	50%
Maximum time between 2 overlaps	4 hours

PROCESSING

Measure the floor temperature and the air humidity and determine whether the topcoat can be rolled on the basis of the above processing conditions. Also provide sufficient installers so that the maximum open time between 2 overlaps is respected.

Mix the correct amount of A and B component with a slowly turning power drill fitted with a mixing spindle into a homogeneous mixture. Mix for at least 3 minutes. Add 0,3 liter water, mix, add again 0,3 liter water and mix again.

Apply the mixture with a microfibre, lint-free roller, crosswise lines. Moisture the lint-free roller equally. Don't put too much PU-TOPCOAT ETC on the roller. After this, roll over the threated surface again, but softly and without rolling backwards (consequently lifting the roll up on the end of the stroke).

If you choose to apply 2 layers of PU-TOPCOAT ETC, this 2nd layer must be applied a maximum of 4 hours after the first to ensure sufficient adhesion.

TECHNICAL CHARACTERISTICS

	A+B+C
Colour	transparent
viscosity	±350mPa.s
Density at 20 °C	1.1 kg/dm ³
Adhesion	>2.2 N/mm ²
Mix ratio by weight	3.2 parts A + 1.2 parts B + 0.6 water
Potlife at 20 °C	± 60 min.
Dry at 20 °C and 65% RH	can be walked on after 24h suitable for mechanical loads: after 3 x 24h suitable for chemical loads: after 7 x 24h
Cleaning	Water
Amount to be used:	80 to 100 gr/m ²
Packaging	A= 3,2 kg, B=1,2 kg, water=0,6kg (not delivered): totaal 5kg
Storage	12 months (in closed, original packaging, 10-25 °C)

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CHEMICAL RESISTANCE

Apply caution when using products containing tannins (tannic acids), antioxidants, plasticisers, etc..
Also be careful when using certain types of wood.
Always provide a carpet or mat as an underlay. Use felt pads.

PRODUCT	After 24 hours
Mustard D&L	+++
Red Wine	+++
Coffee	+++
Tea	+++
Heinz Tom. Ketchup	+++
Isobethadiene dermicum 10%	+++
Permanent Marker Artline 700N	+++
Fluorescent Marker Stabilo Boss	+++
vinegar 8°	+++
Javel 4°	+++
Brake Fluid DOT4	+
10% NACL	+++
10% KCl	+++
Milk	+++
Acetone	+++
sulphuric acid 37%	+++
potassium hydroxide 50%	+++
Detergent	+++

- +++ : no change in the coating surface can be detected
- ++ : slight change in colour or shine
- + : slight change in the surface structure, without affecting colour or shine
- : clear staining (change in colour and/or shine)
- : surface erosion, clear damage to coating surface

SAFETY

Before use: always thoroughly read the MSDS sheets of the products used.

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