

PU.W/A+B - PU TOPCOAT BASIC

9/2/2021

PRODUCT DESCRIPTION

PU.W/A+B - PU TOPCOAT BASIC is a water-based, 2-component, polyurethane finishing coat.

USES

PU.W/A+B - PU TOPCOAT BASIC is a scratch-resistant PU finishing layer which can be easily applied without leaving roller marks. PU.W/A+B - PU TOPCOAT BASIC is primarily used on epoxy coatings, epoxy cast-house floors, polyurethane coatings and cast-house floors, and on epoxy floors, and on epoxy mortar / shingle floors which have already been finished with an epoxy gel coat.

WARNING

PUW/A+B is not possible in wet rooms

PUW/A+B is not resistant for tyres.

APPLICATION

In packs of 4,4 kg, both component A and component B have been added in advance (in the correct ratio) so it's simply possible to add the hardener to the resin. Then one must mix for at least 3 minutes using a drill with mixing-spindle, until a homogenous mass is achieved. It's very important to mix the bottom of component A very well to avoid that sagged components are not mixed well.

Bring on the coat with an epoxy-roller. Considering there is no visible end of pot-life, one must ensure that the PU.W/A+B does not process for longer than 2 hours. This may cause poorer bonding. This coating is very easy to process and does not leave roller marks if one carefully rolls in a diagonal.

Before mixing, 5% water may be added in warm conditions to extend drying time and to avoid overlap marks.



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PROPERTIES

Colour	milky - clear after drying
Density at 20°C	1.00 kg / dm ³
Viscosity	± 250 mPa.s
Solid-particle	40% Volume solids by weight
Ignition point	component A: > 100 °C component B: > 180 °C
Mix ratio in weight	100 parts A + 10 parts B
Pot-life at 20°C	± 120 min.
Drying at 20 °C and 65% RV	Foot traffic: after 16 hours Mechanically cured: after 2 days Chemically cured: after 7 days
Application temperature	10°C - 30°C
Substrate requirements	- sufficiently dry - free of loose particle, grease, dust, dirt...
Dilution	maximum 50% water
Cleaning	water
Usage	0.100 – 0.150 g/m ² layer
Packaging	sets of 4,4 kg
Storage	8 months (in sealed, original packaging, 10-25°C)

SAFETY

Read always the material safety datasheet of the product.

