

## PU COAT

### Polyurethane waterproof coating

#### DESCRIPTION

PU COAT is a one component polyurethane coating which cures with the humidity in the atmosphere to produce an elastic waterproof membrane.

#### USES

Waterproofing of: bathrooms, roofs and terraces.

Suitable substrates: gypsum and cement boards, concrete, plaster, metal, wood and old PU coating.

#### LIMITATIONS & PRECAUTIONS

Not recommended for the waterproofing of swimming pools and water tanks.

PU COAT is flammable. It should be used in well ventilated areas far from naked flames.

#### PROPERTIES

- Excellent weather and UV resistance.
- Cold temperature flexibility: the film remains elastic down to -40°C.

#### PACKAGING

1 kg and 6 kg and 25 kg

#### APPLICATION PROCEDURE

Clean the surface using a high-pressure washer, if possible. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, cured membranes must be removed.

**Priming:** Apply PU Primer Epoxy or Aquapoxy or PU Primer SD50 on concrete, PU Primer SD50 or PU Primer Renew 2K on old PU coatings, PU Primer SD 50 or PU Primer Trans or PU Primer Renew 2K on metal. Once primer is dry, recoat with PU COAT.

**Thinning:** PU COAT can be thinned with 5-10% Xylol.

**Application:** Apply the material with roller or brush in two or more coats. Leave 6-24 hours between coats. If more time elapses (for example more than 4 days), use PU Primer Renew 2K or PU Primer SD 50.

#### COVERAGE

Total consumption: 1.5 - 2.5 kg/m<sup>2</sup>

#### SHELF LIFE

Can be kept for 12 months minimum in the original unopened packings in dry places and at temperatures of 5-25°C.

#### TECHNICAL SPECIFICATIONS

PROPERTY	UNIT	METHOD	SPECIFICATION
Service temperature	°C	-	-40 to 80
Max. temperature short time (shock)	°C	-	200
Hardness	Shore A	ASTM D2240 DIN 53505 ISO R868	60
Percent elongation @ 23°C	%	ASTM D412 EN-ISO-527-3	> 300
Water vapor transmission	gr/m <sup>2</sup> .hr	ASTM E96 (Water Method)	0.8
Adhesion to concrete	Kg/cm <sup>2</sup> (N/mm <sup>2</sup> )	ASTM D4541	> 20 ( > 2)
QUV Accelerated Weathering Test (4hr UV, @ 60°C (UVB-Lamps) & 4hr COND @ 50 °C)	-	ASTM G53	passed (2000 hours)

The information contained herein corresponds to the best of our knowledge. The user must ensure beforehand that this product is suitable for a certain application. The user alone is fully responsible for any consequences deriving from the use of this product.

Made in Greece for DECOBUILD SARL under a certified quality management systems ISO 9001 & ISO 14001 & OHSAS 18001