

Technical Information Sheet Article No. 9831

PUR Indu Color D60

Flexible, solvent free, two component coating on a polyurethane base

Range of use

PUR Indu Color D60 is used in the creation of balcony and deck waterproof membrane systems. PUR Indu Color D60 can be used on concrete, good quality asphalt*, wood, steel and aluminium surfaces. It is normally sealed with a UV resistant PUR top coat to improve its resistance to weathering and abrasion.

Description

PUR Indu Color D60 is a solvent free, two component flexible room temperature curing coating. PUR Indu Color D60 is especially suitable for crack bridging systems, either reinforced (with PE Fleece into the membrane layer) or un-reinforced as an elastic coating.

Pretreatment

Asphalts*: Please contact Remmers UK technical department for project specific advice.

Concrete: Prime the prepared substrate using suitable Remmers Epoxy primer such as Epoxy FAS100 or Epoxy FM Quick.

Repairs to the substrate should be carried out as required before installing a waterproof coating system.

Characteristic data of the product

Appearance:	liquid
Density mixed:	1.4 kg/m ³
Adhesion:	good on clean, dry and grease free surfaces. Surfaces have to be pre-treated.
Tensile Strength DIN 53455:	13 – 14 MPa
Elongation at break DIN 53455:	60-65%
E-Modulus	65 MPa
Tear resistance DIN 53515:	approx 35 kN/m
Shore D DIN 53505:	D = 60
Wear Resistance CS10	75mg loss
Bond strength (without primer):	Concrete > 2.5 MPa Steel > 14 MPa
Mixing ratio:	5:1 by weight (A:B)

Mixing

Using a suitable electric mixing drill and paddle, mix component A first, then slowly add component B to the resin component and mix for 3-5 minutes. Accelerator D40 is added at this stage if required to catalyse the product to reduce setting times to as low as 1 hour.

Potlife

20 – 30 minutes, depending on the packing size and the temperature of the PUR Indu Color D60.

Application

The epoxy primer must be blinded with quartz aggregate should it not be overlaid within the permissible overcoat time period by the PUR Indu Color D60. If the intercoat time is missed, PUR Wash Primer EK can be used to reactivate the surface before overcoating. Intercoat time is given by the epoxy primer being used.

By first using a brush and then an air blower, ensure that when cured any loose quartz is thoroughly removed prior to overlaying with PUR Indu Color D60.

* consult Remmers UK technical department for project specific advice.

The product is applied with a steel trowel, roller or squeegee and can be applied at temperatures between 5°C and 30°C. The surface temperature has to be 3 °C above the dew point since any condensed water film will prevent bonding.

Typical system build up on balcony decks (2-3mm):

Primer: (for concrete)

Epoxy FAS100 @ 0.4kg/m²

Scratch Coat: (if required)

PUR Indu Color D60 @ 1kg/m²

Membrane: (2mm)

PUR Indu Color D60 @ 2.8kg/m²

Sealer:

PUR ColorTop2KS SR @ 0.3kg/m²

Higher thickness and enhanced slip and wear resistance can be achieved by broadcasting hard aggregate into a wear layer in a system such as this (4-5mm):

Primer: (for concrete)

Epoxy FAS100 @ 0.4kg/m²

Membrane: (2mm)

PUR Indu Color D60 @ 2.8kg/m²

Wear Layer:

PUR Indu Color D60 @ 0.75kg/m²

Broadcast:

Quartz 02/07 @ 4kg/m²

Sealer:

PUR ColorTop2KS @ 0.5kg/m²

Layer thickness

1–5 mm, depending on the substrate surface profile and specific project requirements.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.

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Consumption

1.4 kg/m²/mm dependent on the surface roughness of the substrate.

With the incorporation of our PE Fleece the consumption of the base layer is approximately. 2.5-3kg/m².

Seal coat consumption varies according to the surface profile being sealed.

Appearance, colour

Semi gloss, solid colour.

Colour – Refer to Colour chart.

Curing

The curing depends on the surface, surrounding and material temperature, PUR Indu Color D60 has to be applied and cured between 5 °C and 30 °C. Acceleration is possible when a fast cure is required. Please contact Remmers UK technical department for project specific advice.

Cleaning

Tools can be cleaned with suitable solvents.

Packaging

Refer to price list.

Health and Safety precautions

It is important to take all necessary safety and health precautions as listed in the MSDS. Therefore avoid skin and eye contact by using protective cream and/or gloves.

When using the PUR Indu Color D60 in small rooms sufficient ventilation is required.

Safety, ecology, disposal

Further information concerning safety during transport, storage and handling as well as for disposal is found in the latest Safety Data Sheet.



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