

Technical Data Sheet
Article No. 2551/2556

PUR Flex Coating

(PU Roof Waterproofing)

Low solvent coating compound on a moisture curing, polyurethane-prepolymer base

Range of use

Remmers PUR Flex Coating was especially developed for waterproofing in flat roof areas. Substrates such as concrete, bitumen roof sheets and PU foamed roofs can be waterproofed with Remmers PUR Flex Coating after being properly prepared. The coating is especially suitable for repairing old bitumen roof sheets. Products on a silicone base cannot be coated with the Remmers PU Flat Roof System.

Property profile

Remmers PUR Flex Coating is a coating compound with a high solid content which cures with humidity, becoming a UV-stable, elastic rubber membrane.

System components

Remmers PUR Primer,
Art. No. 25500
Remmers PUR Flex Coating,
Art. No. 2551/2556
Remmers Non-Woven Reinforcement Fabric,
Aft. No. 4310

Directions

Remmers PUR Flex Coating is brushed or rolled directly out of the bucket. To avoid unnecessary air bubbles, the roof waterproofing

Characteristic data of the product

Appearance:	thick liquid compound
Viscosity:	2000-5000 mPas (at 25 °C)
Density:	1.25 kg/l (at 20 °C)
Flash point:	> 62 °C
Colour:	grey, silver
Binder:	MDI prepolymers
Solid content:	> 92 %

Shades of colour:	
Art. No. 2551	grey
Art. No. 2556	silver

compound should not be stirred before using. Always prime first with Remmers PUR Primer. Remmers PUR Flex Coating can be used as a protective coating and as a coating material. When used as a coating system, two coats each at least 1 kg/m² must be applied. Remmers Non-Woven Reinforcement Fabric must be bedded into the first fresh layer. After the first coat has dried (approx. 12 hours), the second coat is applied. Work can be carried out wet-on-wet in connecting areas. The application rate may increase to as much as 2.5 kg/m² on very uneven substrates.

Because of the coating's good UV stability, an additional UV protective coating is not necessary. When used as a protective coating, the application rate is at least 0.5 kg/m².

Working temperature:

Substrate:	at least 10 °C max. 25 °C
Material:	min. 10 °C max. 20 °C
Air:	min. 10 °C max. 30 °C

Moisture content:

Substrate	< 4 % by mass
Air:	max. 75 % relative humidity

Notes

Opened containers should not be left standing open because the material reacts with humidity. Do not stir to avoid trapping air in the waterproofing. Do not apply in direct sunlight.

Tools, cleaning

Brush, paint roller. Clean tools with aromatic solvents while the material is still fresh. Once the material has cured, it can only be removed mechanically.

Packaging, application rate, shelf-life

Packaging:

10 kg tin cans

Application rate:

As a protective coating:

At least 0.5 kg/m²

For waterproofing:

At least 2 kg/m² for 2 coats

Shelf-life:

At least 6 months stored in unopened, original containers stored properly.

Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet.

Giscode: PU 20

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.

GB 2551/2556-11.08



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