



Epoxy UV 100 TX

Thixotropic binder

Availability			
Quantity per pallet			
Packaging unit	2,5 kg	10 kg	
Type of container	Tin bucket	Tin bucket	
Container code	04	11	
Art. no.			
6300	■	■	

Application rate See application examples

Range of use

- Transparent fixing layer for flake coatings
- Pore closure for epoxy resin screeds

Property profile

- Stable
- Little tendency to yellow

Characteristic data of the product

	Component A	Component B	Mixture
Density (20 °C)	1.15 g/cm ³	1.02 g/cm ³	1.11 g/cm ³
Viscosity (25 °C)	thixotropic	220 mPa s	thixotropic

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates ➤ [VOC tested according to AgBB evaluation scheme](#)

Preparation

■ **Substrate requirements**

The substrate must be load-bearing, dimensionally stable, solid, free of loose parts, dust, oils, grease as well as other substances that could interfere with adhesion. It must be primed so as to remove all surface pores.

The tensile strength of the surface of the substrate must be at least 1.5 N/mm² on average (smallest individual value of at least 1.0 N/mm²), and the compressive strength must be at least 25 N/mm².

Substrates must have reached their moisture balance and must also be protected against moisture penetration from the reverse side, including during use.

Concrete	max. 4 m% moisture
Cement screed	max. 4 m% moisture

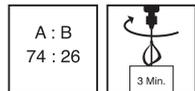


■ **Substrate preparation**

The substrate must be prepared using suitable Remmers products.

Refer to the current Technical Data Sheet for detailed information on the single products.

Production of the mixture



■ **Combi-container**

Add the entire quantity of the hardener (component B) to the basic compound (component A).

Mix thoroughly with a slow-speed electric mixer (approx. 300 - 400 rpm).

Pour the mixture into a separate container and mix again thoroughly.

Mix for at least 3 minutes.

Insufficient mixing is indicated by streaks forming.

Mixing ratio (A : B)	74 : 26 parts by weight
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As soon as the mixture is ready to use, apply it in full to the prepared surface and spread it using suitable tools.

Directions



For professional users only!

■ **Conditions for use**

Temperature of the material, air and substrate: from min. +12 °C to max. +30 °C

During the curing process, the applied material should be protected from moisture which could impair the surface and impair the adhesion.

Relative humidity should not exceed 80%.

The temperature of the substrate must be at least 3 °C above the dew point temperature during application and curing.

■ **Working time (+20 °C)**

Approx. 25 minutes

■ **Waiting time (+20 °C)**

Waiting time between coats min. 6 hours and max. 48 hours.

■ **Drying time (+20 °C)**

Foot traffic after 6 hours, mechanical loading after 3 days, full loading capacity after 7 days.

As a general principle, higher temperatures will reduce and lower temperatures will increase the times stated.

Application examples

■ **Pore filler**

The mixed resin is generously applied to the surface. Distribute with a suitable tool, e.g. rubber blade, and work into the substrate with an epoxy roller so that pores in the surface of the substrate are completely filled.

It may be necessary to apply several layers.

Application rate	approx. 0.2 - 0.5 kg/m ² binder
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■ **Fixation layer for flake coatings**

Pour the material generously onto the surface. Use a suitable 25 cm epoxy roller to apply uniformly and generously, working crosswise, then roll using a 50 cm epoxy roller saturated with material. Replace the rollers with new ones every 30 minutes. Always work wet-on-wet. Make sure that no pools form.

Application rate	approx. 0.3 kg/m ² binder
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Notes

Unless otherwise specified, all of the values and application rates given above have been determined under laboratory conditions (20 °C) using standard colours. Slight deviations from these values may arise if the product is worked with on site. Abrasive mechanical loads leave traces of wear. Suitable for vehicle traffic with rubber tyres; not suitable for vehicle loads with metal or polyamide tyres nor for dynamic point loads. Epoxy resins are generally not colourfast when exposed to UV light or weather. When coating continuous surfaces, only use materials with the same batch number as slight differences in colour, gloss and texture may occur. When using to fix flake coatings, an additional seal coat is necessary. Further notes on working, system construction and maintenance of the listed products can be found in the latest Technical Data Sheets and the Remmers system recommendations.

Tools / Cleaning

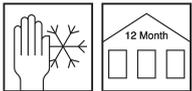
Smoothing trowel, rubber scraper, epoxy roller, mixer



More detailed information can be found in the Remmers Tool Programme. Clean tools, equipment and splashed material immediately while fresh with V 101 Thinner. Take suitable protective and waste disposal measures when cleaning.

Storage / Shelf life

If stored unopened in the original container and kept cool, dry and protected from frost, min. 12 months (component A)/min. 24 months (component B).



Safety data / Regulations

For professional users only!
For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet and the brochure entitled "Epoxy Resins in the Construction Industry and the Environment", issued by Deutsche Bauchemie e.V. (2nd edition 2009).

Personal protective equipment

This information can be obtained from the current Safety Data Sheets and/or the relevant professional associations.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

VOC content as per the "Decopaint" Directive (2004/42/EC)

EU limit value for the product (Cat. A/j): max. 500 g/l (2010).
This product contains < 500 g/l VOC.

Declaration of performance

➤ **Declaration of performance**



CE marking



Remmers GmbH

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GBIII 028_4

EN 13813:2002

6300

Synthetic resin screed for use internally in buildings

Reaction to fire:	E _{fl}
Release of corrosive substances:	SR
Wear resistance:	≤ AR 1
Bond strength:	≥ B 1.5
Impact resistance:	≥ IR 4

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.