



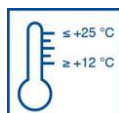
Technical Data Sheet
Art. No. 6810 – 6813, 6815

Epoxy TX Color

Pigmented coating



Mixing ratio of
the 2 compo-
nents



Working
temperature



Mixing time



Self-levelling
mortar, apply
standing



Pot life



Store frost-free



Shelf-life

Range of use

- Textured coating

Property profile

- Slip-resistant
- Withstands mechanical loads
- Withstands chemical loads
- Physiologically harmless after curing

Preparation

Requirements for the substrate

The substrate must be load-bearing, sound and free of loose material, dust, oils, grease, rubber dust and any other substances that could interfere with adhesion.

The tensile strength of the surface of the substrate must be 1.5 N/mm² on average and compressive strength at least 25 N/mm².

Suitable Remmers epoxy primers, epoxy scratch coats or epoxy mortars must always be used.

More detailed instructions can be found on the current technical sheet of the particular primer used.

Characteristic data of the product

	Comp. A	Comp. B	Mixture
Density (25 °C):	1.8 g/cm ³	1.1 g/cm ³	1.6 g/cm ³
Viscosity (25 °C):	thixotropic	130 mPa·s	thixotropic

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

Before the application of the product a smooth surface must be produced, e.g. with a scratch coat.

Production of the mixture

Combined container

Add the entire quantity of the hardener component (B) to the resin component (A). Mix with a slow speed, electric mixer (approx. 300 – 400 rpm.). Then pour into a separate container and mix again thoroughly. Mixing time should be at least 3 minutes. Streaks indicate insufficient mixing.

Directly after mixing, the ready to use mixture is poured onto the prepared substrate and distributed, then levelled over the grain with a smoothing trowel.

Mixing ratio A : B

82.9 : 17.1 parts by weight

Directions

For professional users only!

Working conditions

Temperature of material, surroundings and substrate: from min. +12 °C to max. +25 °C.

After application protect the finished surface for at least 48 hours from water and moisture.

Relative air moisture must not be above 80 %.

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

Working time (+20 °C)

Ca. 30 minutes

Hardening times (+20 °C)

Foot traffic after 16 hours, mechanical loads after 3 days and full loading capacity after 7 days.

At lower temperatures all times given are generally longer, at higher temperatures shorter.

Application examples

Textured coating

The mixture is poured onto the prepared substrate and then distributed with suitable means, e.g. a toothed trowel or toothed squeegee

Work the surface over with a suitable textured roller and then pass again moving in one direction and without applying pressure with another textured roller.

Application rate:
approx. 0,50-0,60 kg/m² binder

Notes

All of the values given were measured under laboratory conditions (20 °C) and with standard colours. When worked at the building site, there may be slight deviations from these values.

On connected surfaces only product of the same batch must be used, since slight differences in opacity, colour and texture may occur.

Shades of colour with low hiding power, e.g. yellow, red and orange, look more like a translucent coating. Therefore the colour of the primer must be chosen accordingly.

The resulting texture of the surface is highly dependent on building site conditions and the working procedure used and thus not covered under product liability.

Low thickness and low temperature can affect the visual effect of the finished surface.

Depending on application method and coating system used, it is possible that during the texturing of thixotropic coatings the air enclosures form pores on the surface that later can gather dirt.

Abrasive mechanical loads cause wear marks on the surface of the coating.

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 not colourfast in general when exposed to UV-light and weather.

Repairs on the surface and working up to existing surfaces results in visible transitions in appearance and texture.

Slip/resistant coating systems naturally need higher cleaning efforts compared to smooth surfaces, therefore the use of cleaning machines with soft brushes is recommended.

Further notes on working, construction of the system and maintenance of the listed products are found in the latest Technical Data Sheets as well as in Remmers system recommendations.

Tools, cleaning

Toothed trowel, toothed squeegee, suitable texturing roller, suitable mixing equipment.

More detailed information can be found on the Remmers Tools Programme.

Clean tools, equipment and any splashed material immediately while fresh with V 101 Thinner.

When cleaning, take suitable measures for protection and disposal.

Containers / Colours

Containers

Ton containers: 25 kg

Colours

Art. No. 6810 special colours
Art. No. 6811 pebble gray RAL 7032

Art. No. 6812 silver gray RAL 7001
Art. No. 6813 light gray RAL 7035
Art. No. 6815 umbra gray RAL7022

Storage / Shelf-life

At least 24 months in unopened, original containers stored dry, cool and protected from frost.

Safety

For professional users only!

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet and the brochure "Epoxy Resins in the Construction Industry and the Environment" issued by Deutsche Bauchemie e.V. (2nd edition, as per 2009).


Personal protective equipment

This information is found on the latest Safety Data Sheet or relevant work safety regulations.

GISCODE: RE 1

VOC according to the Paints 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

	
Remmers GmbH Bernhard-Remmers-Straße 13 D-49624 Lönningen 16 GBIII 108_1	
EN 13813:2002 6810 Synthetic resin screed for use internally in buildings	
Reaction to fire	E _{fl}
Release of corrosive substances	SR
Wear resistance	≤ AR1
Bond strength	≥ B1.5
Impact resistance	≥ IR4

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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