

Technical Information Sheet Article No. 6100-6109

Epoxy HD Color TX

Thixotropic, pigmented, epoxy resin coating for surfaces subjected to vehicle and mechanical loads

Range of use

Epoxy HD Color TX is a slightly textured, thin coating for surfaces that are subjected to vehicle and mechanical loads.

Application examples:

- Surfaces in production facilities
- Surfaces in warehouses
- Workshops
- Work halls

Property profile

Epoxy HD Color TX is a pigmented, thixotropic, 2-component epoxy resin coating that can be subjected to mechanical loads.

- Can be worked standing
- Wear resistant
- Slip-retarding
- Can be subjected to chemical loads
- Can be subjected to mechanical loads
- Physiologically safe
- Fire retarding

Colours

Pebble grey:	Art. No. 6101
Silver grey:	Art. No. 6102
Light grey:	Art. No. 6103
Basalt grey:	Art. No. 6104
Special colours	Art. No. 6100

Characteristic data of the product

	Comp. A	Comp. B	Mixture
Density:	1.5 g/cm ³	1.0 g/cm ³	1.4 g/cm ³
Viscosity:	thixotropic	200 mPas	thixotropic
Abrasion resistance:	0.07 (with a Taber roll CS 17/1000 rev./1000 g)		

Substrate

The primed substrate must be load-bearing, sound, free of loose material, dust, oils, grease, rubber marks and other substances with a separating effect.

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

Substrate preparation

Depending on the substrate, a suitable primer and a scratch coat is applied. It is essential that the primer and scratch coat be coordinated to the colour of the textured coating.

Directions

Add the hardener to the basic compound and mix thoroughly with a slow speed mixer (max. 400 rpm). Pour into a separate container and mix again thoroughly.

Mixing ratio

5 : 1 parts by weight

Pot-life

At +20 °C and 60 % relative humidity, approx. 30 minutes. Higher temperatures reduce; lower temperatures lengthen pot-life.

Notes on working

The temperature of the material, air and substrate should be at least +8 °C and max. +30 °C; relative humidity should not exceed 80 %. The temperature of the substrate must be at least 3 °C above the dew point temperature.

Drying time

At 20 °C, lightly loadable (foot traffic) after approx. 16 hours and 2 days at 8 °C. Full mechanical and chemical loading capacity is achieved after 7 days at 20 °C. Lower temperatures increase drying time.

System recommendations

Priming:

As a primer, apply e.g. Remmers Epoxy HD Color with a rubber wiper and epoxy roller until the substrate is saturated and work in well.

Coating:

The thoroughly mixed mixture can be applied to the primed, levelled surface either standing, using a toothed rubber wiper (toothed blade 2 mm) or kneeling with a toothed trowel (blade no. 22). Immediately following, the still fresh layer is evenly worked over cross-wise several times with a suitable textured roller.

Application rate: approx. 0.40-0.50 kg/m²

Notes

All of the values and application rates given were determined under laboratory conditions (20 °C). When worked at the building site, deviating values may result.

Grinding mechanical loads lead to wear marks on the surface of the coating. The sealant is not suitable for vehicles with metal or polyamide tyres!

Epoxy resins are generally not colour stable when exposed to UV-rays and weather.

Use material with the same batch number for adjoining surfaces since there may be a slight deviation in the colour of different batches.

The resulting surface texture strongly depends on building site conditions and the working method used and is therefore excluded from product liability.

Further notes on working and maintaining the products listed are found in the latest Technical Information Sheets as well as in Remmers notes on laying floors.

Tools, cleaning

Rubber wiper, toothed trowel, porosen roller, mixing equipment on a counter-current principle. Clean tools and any splashed material while fresh with V 101 Thinner. Once the coating has reacted, it can only be removed mechanically.

Packaging, application rate, shelf-life

Packaging:

10 kg and 25 kg tin containers

Application rate:

Approx. 0.40-0.50 kg/m²

Shelf-life:

At least 9 months in unopened and unmixed, original containers stored frost-free.

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: 01

Chem VOC Farb V (2004/42/EC):

Group (LB): j
Stage 2 (2010): max. 500 g/l
Stage 1 (2007): max. 550 g/l

This product contains < 500 g/l

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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