



Epoxy HB Color

Pigmented roller coating (high build coating)

Colour	Availability		
	Quantity per pallet		
	Packaging unit	10 kg	25 kg
	Type of container	Tin bucket	Tin bucket
	Container code	10	25
	Art. no.		
silver grey	6831	■	■
special colours from 10 kg	6834	■	■

Application rate See application examples

Range of use ■ Primer and roller coating in the high build coat system

Property profile

- Can be subjected to mechanical loads
- Can be subjected to chemical loads
- Physiologically harmless once fully cured

Characteristic data of the product

■ **On delivery**

	Component A	Component B	Mixture
Density (20 °C)	1.73 g/cm ³	1.05 g/cm ³	1.54 g/cm ³
Viscosity (25 °C)	3000 mPa s	100 mPa s	750 mPa s

■ **Once fully cured**

Shore D after 28 days	78
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The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- [Beständigkeit \(Chemikalien\)](#)
- [Brandprüfung \(Klassifizierung\)](#)

Preparation

- **Substrate requirements**
 The substrate must be firm, dimensionally stable, capable of bearing loads and free of loose constituents, dust, oil, grease, rubber marks and other substances that could interfere with adhesion.
 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.

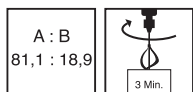


■ **Substrate preparation**

Prepare the substrate by suitable means, e.g. steel ball jetting or diamond grinding, so that it meets the requirements specified above.

Broken out or missing areas in the substrate should be filled flush with the surface using Remmers PCC systems or Remmers EP mortars.

Production of the mixture



■ **Combi-container**

Add the entire quantity of the hardener (component B) to the base 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)

81.1 : 18.9 parts by weight

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 material, surroundings and substrate: min. +10 °C - max. +30 °C.

Once the material has been laid, it should be protected against any direct exposure to water and moisture for at least 24 hours.

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 times between the application of each coat: min. 16 hours and max. 48 hours.

If conditions on site require longer waiting times, the surface must be slightly sanded (until it turns white) before the following application.

■ **Drying time (+20 °C)**

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

Setting may be accelerated by adding ACC H. The associated directions for use are available upon request.

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

Application examples

■ **High Build Coat System**

Pour the material onto the prepared surface, spread evenly using a rubber scraper, then roll crossways using a suitable epoxy roller.

Two layers of application are necessary.

Application rate

Approx. 0.3 kg/m² of binder per coat (depending on the substrate)



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.

Due to the thin-layer build-up, blasting or grinding traces or the texture of the substrate might be visible.

When coating continuous surfaces, only use materials with the same batch number as slight differences in colour, gloss and texture may occur.

Shades of colour with low hiding power (e.g. yellow, red or orange) tend to have a translucent effect on the subsequently applied sealant. In such cases, a colour-coordinated construction, e.g. light grey, is necessary.

It may be necessary to apply several layers.

If dark or highly pigmented colours are used it is possible that, even with very careful application, shadows or light textures appear on the surface. This is due to the product system and does not in any way affect product suitability. In case of doubt set up a trial surface.

In case of repairs on the surface or working up to existing surfaces, there will be a visible transition in appearance and texture.

Suitable for vehicle traffic with rubber tyres; not suitable for vehicle loads with metal or polyamide tyres nor for dynamic point loads.

Abrasive mechanical loads leave traces of wear.

Epoxy resins are generally not colourfast when exposed to UV light or weather.

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.

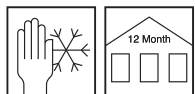
Tools / Cleaning



Epoxy roller, rubber squeegee, suitable mixing equipment

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

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

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

EU limit value for the product (cat. A/j): 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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17

GBIII 116

EN 13813:2002

6831

Synthetic resin screed / synthetic resin coating for use indoors

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.