



Epoxy Color Top

Pigmented roll-on coating or topcoat

Colour	Availability		
	Quantity per pallet		
	Size / Quantity	10 kg	30 kg
	Type of container	Tin bucket	Tin bucket
	Container code	11	31
	Art. no.		
silver grey	6191	■	■
light grey	6192	■	■
pebble grey	6193	■	■
stone grey	6194	■	■
basalt grey	6195	■	■
traffic grey A	6196	■	■
traffic grey B	6188	■	■
special colours from 30 kg	6190	■	■

Application rate See application examples

- Range of use**
- Topcoat in the Remmers Deck OS 8 and Deck OS 8 classic systems
 - Topcoat in the Remmers Deck OS 10 M system
 - Topcoat in the Remmers Deck OS 11a-II and OS 11b-II systems
 - Topcoat in the Remmers Deck OS 14 system in accordance with the maintenance guideline (draft 2016)
 - Top sealant for blinded covers
 - Coloured coating for roller application

- Property profile**
- Excellent protection against carbamate formation
 - Good hiding power on blinded coatings
 - Can be subjected to mechanical loads
 - Can be subjected to chemical loads
 - Contains no plasticisers, nonylphenols or alkylphenols
 - Physiologically harmless once fully cured

Characteristic data of the product	Component A	Component B	Mixture
	Density (20 °C)	1.66 g/cm ³	1.05 g/cm ³
Viscosity (25 °C)	4000 mPa·s	90 mPa·s	1050 mPa·s



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

Certificates

- Fire test (classification) Remmers Deck OS 8
- Fire test (classification) Remmers Deck OS 8 classic
- Wear test
- Certificate for contact with foodstuffs
- Fire test (classification) Remmers Deck OS 11a - II (epoxy topcoat)
- Fire test (classification) Remmers Deck OS 11b - II
- Nachhaltigkeitsdatenblatt

Additional information

- Instructions for use - Remmers Deck OS 11a - II
- Instructions for use - Remmers Deck OS 11b - II
- Instructions for use - Remmers Deck OS 8
- Instructions for use - Remmers Deck OS 8 classic

Possible system products

- Epoxy ST 100 (1160)
- Epoxy Primer PF (1224)
- PUR Color ZS (6826)

Preparation

■ **Substrate requirements**

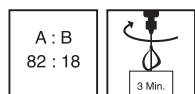
The substrate must be firm, dimensionally stable, capable of bearing loads and free of loose constituents, dust, oil, grease, rubber marks and other substances that could interfere with adhesion.

It is imperative to use suitable Remmers Epoxy Primers and coating systems.

Remmers Epoxy and Polyurethane Base Coatings fully sprinkled with quartz sand are also suitable as substrates.

For the Remmers Deck OS systems, see the applicable instructions for use.

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) 82 : 18 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 the material, air and substrate: from min. +10 °C to max. +25 °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

■ **Drying time (+20 °C)**

Foot traffic after 1 day, mechanically loadable after 3 days, full loading capacity after 7 days.

At lower temperatures, foot traffic after 2 days (+8 °C).

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

■ **Top sealant**

Apply the material using a rubber wiper and then roll cross-wise with a suitable epoxy roller.

Application rate	approx. 0.5-0.8 kg/m ² of binding agent (depending on blinding)
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■ **Roller coating**

Pour the material onto the prepared substrate and then distribute using a suitable tool, e.g. a notched trowel or notched scraper.

Then roll in a crosswise direction using a suitable epoxy roller.

Application rate	approx. 0.35 kg/m ²
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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.

Where necessary, the viscosity can be reduced by adding up to 2% by mass of Remmers V101 Thinner. The use of other thinning agents is not recommended.

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, it is necessary to build up a coordinated colour, e.g. with multiple layers of sealant.

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

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.

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.

Observe the corresponding test certificate for OS 8 systems.

Observe the instructions for use of the corresponding Remmers Deck OS 11 systems.

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

Rubber wiper, epoxy roller, mixer



More detailed information can be found in the Remmers Tool Programme.

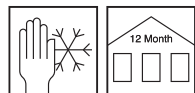
Clean tools, equipment and splashed material immediately while fresh with V 101 Thinner.

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

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): max. 500 g/l (2010).
 This product contains < 500 g/l VOC.



Declaration of performance

➤ **Declaration of performance**



Declaration of conformity



1119, 1658

Remmers GmbH

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GBIII 070_3

EN 1504-2:2004

6191

Surface protection products – Coating

Abrasion resistance:	weight loss < 3000 mg
Permeability to CO ₂ :	s _D > 50 m
Water vapour permeability:	class III
Capillary absorption and permeability to water:	w < 0.1 kg/(m ² h ^{0.5})
Thermal compatibility:	≥ 1.5 (1.0) N/mm ² *
Resistance to severe chemical attack:	reduction in hardness < 50%
Crack bridging ability:	OS 11a-II B 4.2 (-20 °C) OS 11b-II B 3.2 (-20 °C)
Impact resistance:	class I
Adhesion strength by pull off test:	≥ 1.5 (1.0) N/mm ² *
Reaction to fire:	OS 8 and OS 11b-II class B _{f1} -s1 OS 11a-II class C _{f1} -s1
Skid resistance:	class III

* The value in brackets is the smallest permissible value per reading

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Synthetic resin screed for use internally in buildings

Reaction to fire:	E _{f1}
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.