



Epoxy Top OS

Pigmented topcoat in the Remmers Deck OS 10 EP pro system

Colour	Availability		
	Quantity per pallet	22	60
	Size / Quantity	24,5 kg	5,5 kg
	Type of container	Comp. A	Comp. B
	Container code	25	05
	Art. no.		
Special colours from 30 kg			
Price group I	6076	■	■
Note: purchase components A and B separately. Contact Remmers Customer Service for more information.			

Application rate approx. 0.5 - 0.8 kg/m² binder

Range of use ■ Topcoat in the Remmers Deck OS 10 EP pro system

Property profile

- Flexible
- Can be subjected to mechanical loads
- Can be subjected to chemical loads

Characteristic data of the product

	Component A	Component B
Density (20 °C)	1.5 g/cm ³	1.0 g/cm ³
Viscosity (25 °C)	3700 mPa s	250 mPa s

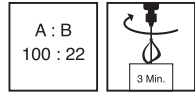
The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

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.
 Base layers fully broadcast with quartz sand in the Remmers Deck OS 10 EP pro system are suitable substrates.



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)	100 : 22 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. +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. 20 minutes

■ **Drying time (+20 °C)**

Foot traffic after 1 day, 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

■ **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 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.

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.

Refer to the applicable test certificate for the Remmers Deck OS 10 EP pro system.



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

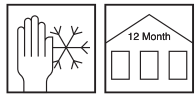
Rubber scraper, epoxy roller, mixing apparatus



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 its original container in a cool, dry place and protected against frost, the product will keep for at least 12 months.



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



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GBIII 006_5
EN 1504-2:2004
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Surface protection products – Coating

Linear shrinkage:	NPD
Compressive strength:	NPD
Coefficient of thermal expansion:	NPD
Abrasion resistance:	weight loss < 3000 mg
Cross-cut:	NPD
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:	≥ 2 (1.5) N/mm ² *
Resistance to thermal shock:	NPD
Chemical resistance:	NPD
Resistance to severe chemical attack:	Reduction in hardness < 50 %
Crack bridging ability:	B 4.2 (-20 °C)
Impact resistance:	Class I
Adhesion strength by pull off test:	≥ 1.5 (1.0) N/mm ² *
Reaction to fire:	Class B _{fl} -S1
Skid resistance:	Class III
Artificial weathering:	NPD
Antistatic behaviour:	NPD
Adhesion on wet concrete:	NPD
Release of dangerous substances:	NPD

* The value in parentheses is the smallest permitted value per reading

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Synthetic resin screed for use internally in buildings



Reaction to fire:	E _{fl}
Release of corrosive substances:	SR
Water permeability:	NPD
Wear resistance:	NPD
Bond strength:	≥ B 1.5
Impact resistance:	NPD
Impact sound insulation:	NPD
Sound absorption:	NPD
Heat insulation:	NPD
Chemical resistance:	NPD

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.