



PUR Color VS OS pro

Flexible wearing layer

Availability	
Quantity per pallet	
Size / Quantity	25 kg
Type of container	Tin bucket
Container code	25
Art. no.	
6053	■

Application rate approx. 0.7 - 1.5 kg/m² binder

Range of use ■ Crack-bridging wear layer in the system Remmers Deck OS 10 EP pro

Property profile ■ Can be subjected to mechanical loads
■ Tough-elastic

Characteristic data of the product

■ On delivery

	Component A	Component B	Mixture
Density (20 °C)	1.0 g/cm ³	1.2 g/cm ³	1.1 g/cm ³
Viscosity (20 °C)	approx. 3400 mPa s	approx. 150 mPa s	approx. 2000 mPa s

■ Once fully cured

Tensile strength	approx. 22 N/mm ² (DIN EN 196 / ASTM C 109)
Shore D after 28 days	approx. 65 (ISO 868)
Elongation at break (DIN 53504 S2)	approx. 55%

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

Certificates > [Angaben zur Ausführung DIN V 18026-06 Anhang A - Remmers Deck OS-Systeme](#)

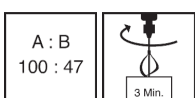
Possible system products > [Epoxy Primer OS \(6057\)](#)
> [PUA Hybrid OS pro \(6051\)](#)
> [PUR Color ZS OS pro \(6048\)](#)
> [Epoxy Color Top \(6191\)](#)
> [PUR Color Top OS \(6055\)](#)

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 substrate must be dry.
Suitable substrates include surfaces prepared using Remmers PUA Hybrid OS pro or PUR Color ZS OS pro.
The specified processing times must be followed.
If the waiting time is exceeded or unfavourable weather conditions (e.g. rain) are present, apply PUR Primer S (6062) and sand if necessary before applying the wearing layer.

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.



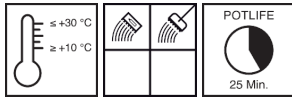


Mix for at least 3 minutes.
Insufficient mixing is indicated by streaks forming.

Mixing ratio (A : B) 100 : 47 parts by weight

As soon as the mixture is ready to use, apply all of it to the prepared surface and spread it using a suitable tool.
Scatter an excess of quartz sand, grain size 0.7 - 1.2 mm, onto the fresh wearing layer.

Directions



For professional users only!

- **Conditions for use**
Temperature of the material, air and substrate: from min. +10 °C to max. +30 °C.
During the curing process, the applied material should be protected from moisture which could impair the surface and impair the adhesion.
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 min. (including spiking, smoothing and blinding if necessary)
- **Waiting time (+20 °C)**
Waiting time between coats min. 8 - 24 hours.
- **Drying time (+20 °C)**
Foot traffic after 8-10 hours, mechanical loads 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

- **Base layer for blinded coatings**
Pour the material onto the prepared substrate and then distribute using a suitable tool, e.g. a notched trowel or notched scraper.
Scatter an excess of fire-dried quartz sand, e.g. grain size 0.7 - 1.2 mm, onto the fresh base layer.

Application rate approx. 0.7 - 1.5 kg/m² binder

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.
Protect the coating against direct contact with water for the first 24 hours after application to prevent blistering. Due to the short reaction time, the coating operation must be well planned and prepared.
The additional material needed to attain the minimum layer thicknesses (wearing layer) and cover the surface texture must be calculated.
Abrasive mechanical loads leave traces of wear.
Observe the application information for the Remmers Deck OS 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

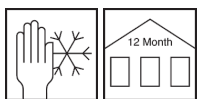


Notched trowel, notched scraper, suitable mixing equipment

More detailed information can be found in the Remmers Tool Programme.
Clean tools and remove any contamination immediately after use and while fresh using Thinner V 103.
Take suitable protective and waste disposal measures when cleaning.

Remmers tools
➤ [Patentdispenser \(4747\)](#)

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!
Further information concerning safety during transport, storage and handling as well as on disposal and ecology can be found in the latest Safety Data Sheet.

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.

VOC	
Kat.	A/j
2010:	500g/l
max.:	500g/l

Declaration of performance

> [Declaration of performance](#)

Declaration of conformity



0921, 1508

Remmers GmbH

Bernhard-Remmers-Str. 13, D – 49624 Lönigen

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GBIII 064_3

EN 1504-2:2004

6053

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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GBIII 064_3
EN 13813:2002
6053

Synthetic resin screed for use internally in buildings

Reaction to fire:	E _{fl}
Release of corrosive substances:	SR
Water permeability:	NPD
Wear resistance:	≤ AR 1
Bond strength:	≥ B 1.5
Impact resistance:	≥ IR 4
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.