



PUA Color WL OS pro

Wear layer in Remmers Deck OS systems

Colour	Availability	
	Quantity per pallet	
	Size / Quantity	25 kg
	Type of container	Tin bucket
	Container code	26
	Art. no.	
neutral	6049	■

Application rate Approx. 2.0 - 2.5 kg/m²

Range of use ■ Wear layer in the Remmers Deck OS 10 PUA pro system

Property profile ■ Low emissions
 ■ Slip-resistant
 ■ Abrasion resistant
 ■ UV stable
 ■ Colour stable
 ■ Fast curing

Characteristic data of the product

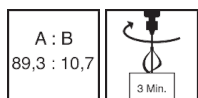
	Component A	Component B	Mixture
Density (20 °C)	2.0 g/cm ³	1.1 g/cm ³	1.9 g/cm ³
Viscosity (25 °C)	approx. 8500 mPa s	approx. 600 mPa s	approx. 8500 mPa s

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](#)

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.
 Substrates may be prepared with e.g. Remmers PUR Color ZS OS pro in the Remmers Deck OS 10 PUA pro system.
 The specified processing times must be followed.

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).
 Mix for at least 3 minutes.

Mixing ratio (A : B) 89.3 : 10.7 parts by weight

Directions

For professional users only!



■ Conditions for use
 Temperature of the material, air and substrate: from min. +5 °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.
 The temperature of the substrate must be at least 3 °C above the dew point temperature during application and curing.
 The relative humidity must be between 40% and 85%.



- Working time (+20 °C)
approx. 10 minutes (including processing)
- Drying time (+20 °C)
Foot traffic after 8 hours, full mechanical loading after 1 day.

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

Application examples

- Finishing layer
Pour the material on the prepared surface and distribute using a suitable tool, e.g. a smoothing trowel or flat brush. Then use a coarse textured roller to roll the surface.

Application rate	approx. 2.0 - 2.5 kg/m ²
------------------	-------------------------------------

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.
Follow the instructions for use of 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

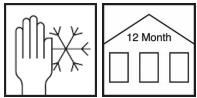
Smoothing trowel, flat brush, coarse textured roller, suitable mixing equipment



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.

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.

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

21
GBIII 162
EN 1504-2:2004
6049

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 permissible value per reading

Remmers GmbH

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

21

GBIII 162

EN 13813:2002

6049

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.