



Color PA

- Concrete Acrylic -

High-quality, pure acrylate facade paint

Colour	Availability		
	Quantity per pallet	48	32
	Packaging unit	5 l	12,5 l
	Type of container	Plastic bucket	Plastic bucket
	Container code	05	13
	Art. no.		
white	6500	■	■
colour collection	6530	■	■
special colours*	6529	■	■

*Only adjustable following consultation - no intense colours possible

Application rate



Approx. 200 ml/m² per coat depending on the condition of the substrate

The application rate depends on the absorbency of the surface

Apply to a large enough trial area to determine the precise amount required.

For information on the surface protection systems OS 2 and OS 4, see the relevant test report

Range of use



- Facades and concrete surfaces
- Surface protection systems for concrete in accordance with DIN EN 1504/DIN V 18026
Remmers OS-B / OS 2 system: Primer H (Impregnation Primer) + Color PA (Concrete Acrylic)
Remmers OS-C / OS 4 system: Color PA Fill (OS Concre Fill) + Color PA (Concrete Acrylic)
Remmers OS-C / OS 4 system: Betofix Fill (Betofix Filler) + Color PA (Concrete Acrylic)

Property profile



- Carbonation-inhibiting $s_d \text{ CO}_2 : \geq 252 \text{ m}$
- Highly water-repelling $w \leq 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$
- Water vapour permeable $s_d < 0.3 \text{ m}$
- Weather resistant
- Very good hiding power
- Colour stable
- Listed in BAST
- Tested in accordance with DIN EN 1504-2

Characteristic data of the product

- On delivery



Binder	100% pure acrylate
Density	approx. 1.3 g/cm ³
Viscosity	approx. 3000 mPa-s
Pigmentation	lightfast, alkali resistant oxide pigments, or titanium dioxide
Extender	mineral fillers
pH value	9.0

■ **Once fully cured**

Water vapour permeability (DIN EN ISO 7783-2)	$s_d \leq 0.3 \text{ m}^*$
Water absorption coefficient (DIN EN 1062-3)	$w \leq 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})^*$
CO ₂ permeability (DIN EN 1062-6)	$s_d \geq 252 \text{ m}^*$
Degree of gloss	silk matt
Surface structure	smooth
Weather resistance	very good

* These values refer to a two-layer coating with a dry film thickness of 140 µm.

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

Certificates

- [BAST surface protection system OS-B \(Remmers system OS 2\)](#)
- [BAST surface protection system OS-C \(Remmers system OS 4\)](#)
- [Test report Remmers system OS 2 \(OS B\)](#)
- [Test report Bodycote fire behaviour](#)
- [Test report P 7910_Color PA Fill \(OS Concre-Fill\)_Kiwa EN 1504-2 - OS 4](#)
- [Test report P 8450-2_Betofix Fill \(Betofix filler\)_Kiwa EN 1504-2 - OS 4](#)
- [Certificate of compliance OS 4 - Color PA Fill \(OS Concre-Fill\)](#)
- [Certificate of compliance OS 4 - Betofix Fill \(Betofix filler\)](#)
- [Declaration of concordance](#)
- [Information on version - OS 4 - Color PA Fill - Color PA](#)
- [Information on version - OS 4 - Betofix Fill - Color PA](#)

Possible system products

- [Impregnation Primer \(0642\)](#)
- [Betofix Fill \(1008\)](#)
- [Color PA Fill \(6490\)](#)
- [Primer SV \(6438\)](#)
- [Remmers concrete protection and repair systems](#)
- [Remmers cleaning products](#)

Preparation

■ **Substrate requirements**

Dry, clean, free of dust and cracks (except hairline cracks) and capable of supporting a load.

Free of aggressive salts.

■ **Substrate preparation**

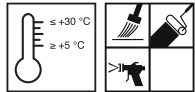


Remove any old coatings not capable of supporting a load, making sure not to leave any residue.

Use Impregnation Primer to prime mineral substrates capable of supporting a load.

Use Primer HF or Primer Hydro HF to prime any sanding, firmly adhering substrates.

Directions



Conditions for use

Temperature of the material, air and substrate: from min. +5 °C to max. +25 °C

Stir well.

Coat the surface using a suitable tool.

Apply the material in 2 or 3 coats, depending on the condition of the substrate.

Wait at least 8 hours between coats.

Tips on use

Take appropriate measures to protect adjacent building elements and materials that should not come into contact with the product.

When coating continuous surfaces, only use materials with the same batch number.

Intensive colours, such as yellow, red, etc. may have a lower hiding power due to their pigments. Apply an additional coat if required.

Protect freshly treated surfaces from driving rain, wind, sunlight and condensation.

Notes

Deviations from applicable regulations must be agreed separately.

The relevant test certificates must be observed when planning and carrying out work.

Always set up a trial area/trial areas first.

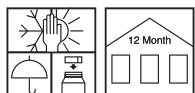
Tools / Cleaning



Brush, flat brush, lambskin roller, airless spraying equipment.

Clean tools, equipment and any splashed material immediately with water while still fresh.

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 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.

Personal protective equipment

Respiratory protection with a particle filter P2 must be worn during spraying, together with protective goggles. Wear suitable protective gloves and clothing.

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/c): max. 40 g/l (2010).

This product contains < 40 g/l VOC.

VOC	
Kat. A/c	2010: 40g/l
max.:	40g/l



Declaration of performance

- Declaration of performance (EN)
- 6500 Declaration of performance (DE)

CE marking



Remmers GmbH

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GBI F 020-3

EN 1504-2:2004

6500

Surface protection products – Coating

EN 1504-2: ZA.1d and ZA.1e

Cross-cut test:	≤ GT 2
CO2 permeability:	$s_d > 50$ m
Water vapour permeability:	Class I
Capillary water absorption and water permeability:	$w < 0.1 \text{ kg}/(\text{m}^2 \times \text{h}^{0.5})$
Thermal compatibility:	$\geq 1.0 (0.7)^{1)} \text{ N}/\text{mm}^2$
Pull-off test to determine adhesion strength:	$\geq 1.0 (0.7)^{1)} \text{ N}/\text{mm}^2$
Reaction to fire:	Class E
Artificial weathering:	No visible defects

¹⁾ The value in brackets is the smallest permissible value per reading

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.