



Color PA Fill

- OS Concre-Fill -

Quartzite filled, fibre-reinforced intermediate coating for levelling out concrete surfaces

Colour	Availability		
	Quantity per pallet	32	18
	Size / Quantity	12,5 l	30 l
	Type of container	Plastic bucket	Plastic bucket
	Container code	13	30
	Art. no.		
white	6490	■	■

Application rate



Approx. 400 - 900 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 the surface protection systems OS 4 and OS 5a see the applicable test report.

Range of use



- Filling pores and pipes up to 1 mm
- Levelling concrete surfaces and load-bearing dispersion coatings
- Intermediate coating in OS 4 (OS-C) and OS 5a (OS-DII) system in accordance with DIN EN 1540 / DIN V 18026

Remmers OS C / OS 4 System:

Color PA Fill (OS Concre-Fill) + Color PA (Concrete Acrylic)

Remmers OS-DII / OS 5a System:

Color PA Fill (OS Concre-Fill) + Color Flex (Elastoflex Facade Paint)

Property profile



- Crack bridging up to 0.3 mm (static)
- Good adhesion on concrete and load-bearing mineral or synthetic resin bonded coatings
- Can be applied by brush, roller, spraying equipment or filler knife
- Fibre-reinforced, contains mineral fillers
- Listed in BAST
- Tested in accordance with DIN EN 1504-2

Characteristic data of the product

- On delivery



Solids content	75%
Binder	100% pure acrylate
Density (20 °C)	Approx. 1.5 g/cm ³
Viscosity	Approx. 6000 mPas
Pigmentation	Titanium dioxide, iron oxide
Extender	Mineral fillers
pH value (20 °C)	8.5

■ **Once fully cured**

Water vapour permeability (DIN EN ISO 7783-2)	$s_d \leq 0.6 \text{ m}$
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)	$s_d > 50 \text{ m}$
Degree of gloss (DIN EN 1062)	Matt
Surface structure	Quartzitic structure

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

Certificates

- [Test report P 7910 Kiwa EN 1504-2 - OS 4](#)
- [Test report P 7911 Kiwa EN 1504-2 - OS 5a](#)
- [BAST surface protection systems OS-C \(Remmers system OS 4\)](#)
- [BAST surface protection systems OS-DII \(Remmers system OS 5A\)](#)
- [Certificate of compliance OS 4 - OS Concre-Fill Concrete Acrylic](#)
- [Certificate of compliance OS 5a - OS Concre-Fill EF](#)
- [Angaben zur Ausführung DIN V 18026 - Color PA und Color PA Fill \(OS4\)](#)

Possible system products

- [Color PA \(6500\)](#)
- [Color Flex \(2976\)](#)
- [Impregnation Primer \(0642\)](#)
- [Primer SV \(6438\)](#)
- [Primer Hydro HF \(0725\)](#)
- [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**

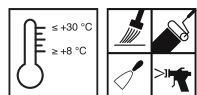
Use Impregnation Primer to prime mineral substrates capable of supporting a load.

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

For coatings in accordance with coating systems OS 4 and OS 5a, no primer is needed.



Directions



■ Conditions for use

Temperature of the material, air and substrate: from min. +8 °C to max. +30 °C.

Stir well.

Coat the surface using a suitable tool.

Depending on the conditions of the substrate, apply 1 or 2 coats.

For coatings in accordance with coating systems OS 4 and OS 5a, two coats must be applied.

Wait at least 8 hours between coats.

Tips on use

Remove filter from airless spraying equipment before use in order to prevent blockages.

Use suitable equipment for mineral filling; recommended nozzle size 0.055 inches.

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

The temperature of the substrate must be at least 3 °C above the dew point temperature during application and curing.

■ Thinning

When applied by spraying, the material can be diluted with up to 2% water.

Notes

Deviations from applicable regulations must be agreed separately.

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

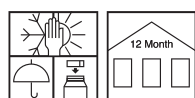
Tools / Cleaning



Brush, surface brush, painter's roller, filling knife, airless spraying equipment

Wash tools and any splashed material with water immediately and while wet.

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

CE marking



1119 - CPD - 0818

Remmers GmbH

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GBI F 022-1

EN 1504-2:2004

6490

Surface protection products – Coating

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

Cross cut:	≤ GT 2
Permeability to CO ₂ :	$s_d > 50 \text{ m}$
Water vapour permeability:	Class I
Capillary absorption and permeability to water:	$w < 0.1 \text{ kg}/(\text{m}^2 \times \text{h}^{0.5})$
Thermal compatibility:	$\geq 0.8 (0.5)^{1)} \text{ N/mm}^2$
Crack bridging ability:	B 2 (-20°C)
Adhesion strength by pull off test:	$\geq 0.8 (0.5)^{1)} \text{ N/mm}^2$
Reaction to fire:	Class E
Artificial weathering:	No visible defects

¹⁾ The value in brackets is the smallest permitted 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.