



## Color Flex

### - Elastoflex Facade Paint -

Highly elastic facade coating

Colour	Availability	
	Quantity per pallet	32
	<b>Size / Quantity</b>	<b>12,5 l</b>
	Type of container	Plastic bucket
	Container code	13
	<b>Art. no.</b>	
white	2976	■
colour collection	2978	■

#### Application rate

Approx. 0.75 l/m<sup>2</sup> in three coats  
Results in a total dry film thickness of approx. 500 µ.



#### Range of use



- Facades and concrete surfaces
- Surface protection system for concrete building elements in accordance with DIN EN 1504 / DIN V 18026 according to class OS 5a (OS-DII)  
**Remmers OS-DII / OS 5a System:**  
Betofix Fill (Betofix Filler) + Color Flex (Elastoflex Facade Paint)
- **Remmers OS-DII / OS 5a System:**  
Color PA Fill (OS Concre-Fill) + Color Flex (Elastoflex Facade Paint)
- Load-bearing, adhering old coatings on a mineral or synthetic resin base
- Cracked facade surfaces
- Cement-bound, mineral renders (DIN V 18550) P II and P III with a compressive strength > 7 N/mm<sup>2</sup>

#### Property profile

- High crack-bridging capability
- UV-crosslinking binder
- Carbonation-inhibiting  $s_d$  CO<sub>2</sub> ≥ 115 m
- Highly water-repelling  $w \leq 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$
- Water vapour permeable
- Very good hiding power
- Listed in BAST
- Tested in accordance with DIN EN 1504-2
- Weather resistant
- Colour stable

#### Characteristic data of the product

- On delivery

Density	Approx. 1.35 g/cm <sup>3</sup>
Pigmentation	Light-fast, alkali-resistant oxide pigments
Extender	Mineral fillers
Binder base	UV-crosslinking acrylate copolymer
pH value	> 8.5

- Once fully cured



Water vapour permeability (DIN EN ISO 7783-2)	$s_d \leq 0.9 \text{ m}^*$
Water absorption coefficient (DIN EN 1062-3)	$w \leq 0.10 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$
CO2 permeability (DIN EN 1062-6)	$s_d \geq 115 \text{ m}^*$
Degree of gloss	Silk matt
Surface structure	Smooth
Alkali resistance	Up to pH 14
Weather resistance	Very good

\* These values apply to a dry film thickness of approx. 500  $\mu$

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

#### Certificates

- BAST surface protection systems OS-DII (Remmers System OS 5a)
- Test report Bodycote reaction to fire
- Test report P 7911 Kiwa EN 1504-2 - OS 5a OS Concre-Fill
- Test report P 8450-1 Kiwa EN 1504-2 - OS 5a Betofix Filler
- Certificate of compliance OS 5a - Betofix Filler
- Certificate of compliance OS 5a - OS Concre-Fill

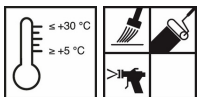
#### Possible system products

- Betofix Fill (1008)
- Color PA Fill (6490)
- Color Flex Fill (2989)
- Primer HF (6438)
- Impregnation Primer (0642)
- Remmers cleaning products
- Remmers concrete protection and repair systems

#### Preparation

- Substrate requirements  
The substrate must be dry, clean, load-bearing and free of dust.  
Free of aggressive salts.
- Substrate preparation  
Prime load-bearing, mineral substrates with Funcosil BI.

#### Directions



- Conditions for use  
Temperature of the material, air and substrate: from min. +5 °C to max. +30 °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.  
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.  
Primarily lime-based substrates are not suitable for coating.

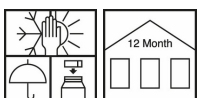
#### Tools / Cleaning



Paintbrush, surface brush, lamb's wool roller, 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 at least an A/P2 combination filter must be worn during spraying, together with safety 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.

**Biocidal Products Regulation** Contains as "treated goods" a biocidal product (film preservative) with the biocidal active agent 2-octyl-2H-isothiazol-3-one, terbutryn and pyrithione zinc to protect the film from contamination by microbial organisms (algae, mould etc.). Always follow the directions carefully!

**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](#)

**Declaration of conformity**



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

08  
GBI F 011-2  
EN 1504-2:2004  
2976

Surface protection products – Coating  
EN 1504-2: ZA.1d and ZA.1e

Cross cut:	≤ GT 2
Permeability to CO <sub>2</sub> :	$S_d > 50$ 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:	$\geq 0.8 (0.5)^{1)}$ N/mm <sup>2</sup>
Crack bridging ability:	B 2 (-20°C)
Adhesion strength by pull off test:	$\geq 0.8 (0.5)^{1)}$ N/mm <sup>2</sup>
Reaction to fire:	Class E
Artificial weathering:	No visible defects

<sup>1)</sup> 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.