Crete TF 60

PU concrete primer and sealer

Colour	Availability			
	Quantity per pallet			400
	Size / Quantity	**9,5 kg**	**19 kg**	**0,5 kg**
	Type of container	Set	Set	Bag
	Container code	10	19	84
	Art. no.			
	6867	■	■	
red	6851			■
green	6852			■
beige	6853			■
ochre	6854			■
grey	6855			■

Note:
For each of the two set articles, please order **Crete Color Paste** separately under its own article number! (red: 685184, green: 685284, beige: 685384, ochre: 685484, grey: 685584)
10 kg unit: 1 x 686710 + 0.5 kg Crete Color Paste
20 kg unit: 1 x 686719 + 2 x 0.5 kg Crete Color Paste

Application rate

See Application Examples

Range of use

- Primer for chemically resistant systems
- Sealer for chemically resistant systems
- Top seal for blinding layers in chemically resistant systems

Property profile

- High chemical resistance
- High mechanical resistance
- Water vapour diffusion capable

Characteristic data of the product

Density (20 °C)	1.51 g/cm³ (4-component mixture)

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

Additional information

- Farbtonkarte Crete TF 60

Possible system products

- Crete SL 80 (226863)
- Crete BL 120 (226864)
- Crete HF 130 (226861)

Preparation

- Substrate requirements

Suitable substrates: concrete and cementitious bonded screed only.
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 tensile strength of the surface of the substrate must be at least 1.5 N/mm² on average (smallest individual value of at least 1.0 N/mm²), and the compressive strength must be at least 25 N/mm².

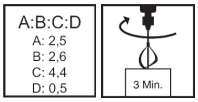
Concrete	max. 6 m% moisture
Cement screed	max. 6 m% moisture

- Substrate preparation

Prepare the substrate by suitable means, e.g. steel ball jetting or diamond grinding, so that it meets the requirements specified above.
Fill broken out or missing areas in the substrate with the Remmers PCC System flush with the surface.

Depending on the requirements of the system, make suitable anchoring cuts into the substrate.

Production of the mixture



- Mixing

Add all of the colour paste (component D) to component A.
(When used as a primer, the addition of the colour paste may be skipped).
Add all of the hardener (component B) to the base compound (components A and D).
Mix thoroughly with a slow-speed electric mixer
(approx. 300 - 400 rpm).
Insufficient mixing is indicated by streaks forming.
Add component C immediately **while stirring** and mix the compound for 3 minutes.
The mixing times must be strictly observed (timer).

Mixing ratio	2.5 : 2.6 : 4.4 : 0.5 parts by weight

Immediately after preparation, pour the entire finished mixture (by scraping it out completely from the container) in narrow strips onto the previously prepared surface and spread using a suitable tool.

Directions

For professional users only!

- Conditions for use

Temperature of the air and substrate: min. +10 °C to max. +20 °C.
Temperature of the material: +15 to +20 °C.
After application, protect the surface for at least 48 hours from exposure to water and moisture.
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)

max. 10 min. (including rolling, finishing and sprinkling if applicable)

- Waiting time (+20 °C)

Waiting times between the application of each coat: min. 16 hours and max. 48 hours.
If conditions on site require longer waiting times, the surface must be slightly sanded (until it turns white) before the following application.

- Drying time (+20 °C)

Foot traffic after 16 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

- Priming

Apply the mixed resin generously to the surface. Distribute with a suitable tool, e.g. rubber blade, and work into the substrate with an epoxy roller so that pores in the surface of the substrate are completely filled.
It may be necessary to apply several layers.

Application rate	approx. 0.4 kg/m²

- Sealant

Immediately spread the material with a rubber blade and subsequently roll over in one direction with a suitable epoxy roller.

Application rate	approx. 0.4 kg/m²

- Top sealant

Immediately spread the material with a rubber blade and subsequently roll over in one direction with a suitable epoxy roller.

Application rate	min. 0.6 kg/m² depending on the blinding material

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.
When coating continuous surfaces, only use materials with the same batch number as slight differences in colour, gloss and texture may occur.
The resulting surface texture is strongly influenced by the conditions on site and the application method. Therefore, surface texture is not covered by product liability.
PU concretes in general are functional floor coverings with low requirements with regard to appearance and are generally not colour-fast.
Even if the flooring is correctly installed, differences in colour, marks made during application, streaking and slight formation of pools cannot be excluded.
Due to the short reaction time, the coating operation must be well planned and prepared.
Low thickness and low temperature can affect the visual effect of the finished surface.

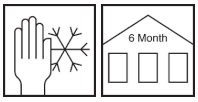
Abrasive mechanical loads leave traces of wear.
Exposure to vehicles with metal or polyamide tyres as well as dynamic concentrated loads can cause faster wearing of the coating.
In case of repairs on the surface or working up to existing surfaces, there will be a visible transition in appearance and texture.
The resistance to chemical substances must be assessed with regard to the temperature of the medium (see chemical resistance list).
Anti-slip floors naturally require more cleaning effort than smooth surfaces. Therefore, the use of cleaning machines with soft brushes is recommended.
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

Rubber blade, trowel, epoxy roller, mixer, compulsory mixer if necessary

More detailed information can be found in the Remmers Tool Programme.
Clean tools, equipment and splashed material immediately while fresh with V 101 Thinner.
Take suitable protective and waste disposal measures when cleaning.

Storage / Shelf life



If stored in unopened original containers in a cool, dry place and protected from frost, at least 6 months for component A, at least 12 months for component B and C and at least 18 months for component D.

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.

Declaration of performance

› Declaration of performance

Declaration of conformity

CE UK CA

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19 (CE) / 21 (UKCA)
GBIII 140_2
EN 13813:2002
226867

Synthetic resin screed / Synthetic resin coating for use internally in buildings

Reaction to fire:	E_{fl}
Release of corrosive substances:	SR
Wear resistance:	≤ AR 0.5
Bond strength:	≥ B 1.5
Impact resistance:	≥ IR 4