QP 100

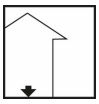
Very fast reacting, transparent synthetic resin binder

	Availability		
	Quantity per pallet	120	
	Size / Quantity	**2 kg**	**10 kg**
	Type of container	Multi-chamber bag	Tin bucket
	Container code	02	10
	Art. no.		
	6890	■	■

Application rate

Depending on application (see Technical Data Sheet)

Range of use



- Base layer for blinded covers
- Producing compression-resistant mortars, flow coatings

Property profile

- Full hardening from +3 °C
- Can be subjected to mechanical loads
- Rapid hardening with long processing time

Characteristic data of the product

	Component A	Component B	Component C	Mixture (3C)
Density (20 °C)	1.1 g/cm³	1.3 g/cm³	1.0 g/cm³	1.2 g/cm³
Viscosity (25 °C)	995 mPa s	425 mPa s	< 1 mPa s	545 mPa s

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

Certificates

- Foodstuff certificate
- Resistance (chemicals)

Possible system products

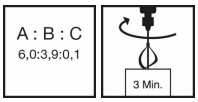
- QP Cat (6898)
- QP Color (6895)
- QP Primer (6930)

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 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.
The following Remmers primers must be used: QP Primer, Epoxy MT 100, Epoxy ST 100, Epoxy FAS 100.
The primer must be pore-filling in order to act as protection against alkalis.
See the current Technical Data Sheet of the product in question and the system recommendations for more detailed information.

Production of the mixture



- Multi-chamber bag

Open the outer packaging at the notch and remove the transparent multi-chamber bag. Remove the two divider clips on the bag. Mix the three components together by kneading intensively (for approx. 60 seconds).

- Combi-container

Add the entire quantity of the hardener (component B) to the base compound (component A).
Then add the entire quantity of component C.
Mix thoroughly with a slow-speed electric mixer
(approx. 300 - 400 rpm).

Mix for at least 3 minutes.
Insufficient mixing is indicated by streaks forming.

Mixing ratio (A : B : C)	6.0 : 3.9 : 0.1 parts by weight

In the case of filled systems, slowly stir the corresponding quantity of filler into the reaction resin mixture and mix thoroughly.
As soon as the mixture is ready to use, apply it in full to the prepared surface and spread it using suitable tools.

Directions

For professional users only!

- Conditions for use
Relative humidity should not exceed 80%.
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.
Temperature of the air and substrate min. +3 °C to max. +30 °C. Material temperature min. +10 °C.

- Working time (+20 °C)
approx. 30 min. at +20 °C
approx. 60 min. at +10 °C
approx. 90 min. at +0 °C

- Waiting time (+20 °C)
Waiting time between coats max. 4 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)
approx. 120 min. at +20 °C
approx. 270 min. at +10 °C
approx. 400 min. at +0 °C

The times given are reduced at higher temperatures and increased at lower temperatures, in particular in combination with high humidity.
The material can be accelerated by the extra addition of QP CAT
(see Technical Data Sheet).
This is recommended in particular for substrate temperatures < +12 °C.

Application examples

- Levelling layer/scratch coat
The filled material (up to 1 : 1 parts by weight) is applied to the primed surface and distributed with a suitable trowel. If necessary, roll over with a spiked roller.

Application rate	Per mm layer thickness: approx. 0.85 kg/m² binder and 0.85 kg/m² Selectmix 01/03

- Synthetic resin mortar
The filled material (up to 1 : 10 parts by weight) is distributed with a smoothing trowel and smoothed.

Application rate	Per mm layer thickness: approx. 0.2 kg/m² binder and 2.0 kg/m² Selectmix 0/10

- Base layer for blinded coatings
Pour the filled material (up to 1 : 1 parts by weight) onto the prepared surface and spread using a suitable toothed trowel/toothed spreader.
The surface must then be worked through immediately using a spiked roller.
Immediately scatter an excess of suitable blinding material onto the fresh base layer.

Application rate	approx. 0.85 kg/m² binder and approx. 0.85 kg/m² Selectmix 01/03

Notes

Unless otherwise specified, all of the values and application rates given above have been determined under laboratory conditions (20 °C). Slight deviations from these values may arise if the product is worked with on site.
Use sufficiently experienced personnel to ensure that surfaces are as even as possible.
Uneven application, strong draughts and large temperature differences on the surface can result in a non-uniform surface appearance due to differences in the degree of gloss.
Abrasive mechanical loads leave traces of wear.
On account of the reaction heat that is generated in accelerated systems, the applicable coating thicknesses must be observed.
Excessive leftover quantities of material in the container will result in the development of smoke and odours if the pot life is exceeded.
As a general rule, the binder is not saponification stable.

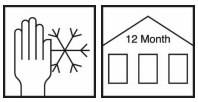
Not suitable for permanently wet areas.
Further notes on working, system construction and maintenance of the listed products can be found in the latest Technical Data Sheets and the Remmers system recommendations.

Tools / Cleaning

Toothed trowel, notched spreader, rubber scraper, epoxy roller, spiked roller, suitable mixing apparatus

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 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

Restricted to professional users.

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.

Declaration of performance

› Declaration of performamce

Declaration of conformity

CE

Remmers GmbH
Bernhard-Remmers-Str. 13, D – 49624 Löningen

18
GBIII 134
EN 13813:2002
6890

Synthetic resin screed for use internally in buildings

Reaction to fire:	E_{fl}
Release of corrosive substances:	SR
Wear resistance:	≤ AR 1
Bond strength:	≥ B 1.5
Impact resistance:	≥ IR 4