

Technical Data Sheet Art. No. 6222

QP Color

Very fast reacting, pigmented Coating



Mixing ratio
2 components



Working temperature



Mixing time



Brush, roller,
apply standing



Pot-life



Store frost-free



Shelf-life

Range of use

- Pigmented coating
- Base coat for blind coatings
- Base coat for flake coatings
- Top sealant for blind coatings

Property profile

- High UV resistance
- Full curing at temperatures from 0 °C
- Resistant to wear
- Can be subjected to mechanical loads
- Can be subjected to chemical loads

Substrate

The substrate must be load-bearing, dimensionally stable, sound, free of loose constituents, dust, oil, grease, rubber tyre marks and other substances that could interfere with adhesion.

Tensile strength of the surface of the substrate must be 1.5 N/mm² on average (smallest value of at least 1,0 N/mm²) and compressive strength at least 25 N/mm².

The use of suitable Remmers epoxy primers or scratch coats is mandatory.

Characteristic data of the product

	Comp. A	Comp. B	Comp. C
Density (20 °C):	1.3 g/cm ³	1.3 g/cm ³	1,0 g/cm ³

The use as coating on MB 2K is possible.

Please refer to the current Technical Data Sheets of the single products as well as to the Remmers system recommendations for further details.

Colours

Pebble grey, approx. RAL 7032
Art. No. 6245

Light grey, approx. RAL 7035
Art. No. 6246

Silver grey, approx. RAL 7001
Art. No. 6248

Production

Add the entire quantity of hardener (comp. B) to the basic compound (comp. A). Then add all of comp. C. Mix with a slow speed electric mixer (approx. 300-400 rpm). Mix the material for at least 3 Minutes. Streaks indicate insufficient mixing.

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Directly after mixing, pour the ready to use mix onto the prepared substrate and distribute with suitable tools.

Mixing ratio

8,0 : 3,1 : 0,1 parts by weight

Notes on working

For professional users only!

Working temperature:

The temperature of the air and substrate must be at least 0 °C, max. +30 °C.

The temperature of the material must be at least +10 °C.

Relative humidity should not exceed 80%.

During the curing process, protect the applied material from moisture; otherwise disturbances on the surface may appear or adhesion may be impaired.

The temperature of the substrate should be at least 3 °C above the dew point temperature.

Working time

approx. 30 Min. at 20 °C

approx. 60 Min. at 10 °C

approx. 90 Min. at 0 °C

Curing time (+20 °C)

approx. 120 Min. at 20 °C

approx. 270 Min. at 10 °C

approx. 400 Min. at 0 °C

Low temperatures, especially if coupled with high levels of air humidity increase the given times.

The material can be accelerated by adding the catalyzer QP CAT (see Technical data Sheet). This is recommended especially at substrate temperatures < +12 °C.

Application examples

Roller coating

Apply the material on the previously prepared surface and distribute with a suitable PU roller. The application, temperature, required thickness and aesthetic requirements.

Application rate: approx. 0.3 kg/m² binder

Base coat for blind coatings

Apply the material filled up to 1 : 0.5 on the previously prepared surface and distribute with a suitable toothed trowel / squeegee. The surface must immediately be worked over with a with a spiked roller.

Immediately thereafter abundantly apply a suitable blinding material on the still fresh surface.

Application rate: approx. 1.2 kg/m² binder and
approx. 0.6 kg/m² Selectmix 01/03

Top sealant

After curing remove the exceeding blinding material.

Apply the sealing material on the previously prepared surface and distribute with a suitable rubber squeegee and roll over crosswise with an epoxy rollers.

Application rate:

approx. 0.6 – 0.8 kg/m² binder (depending on the blinding material used)

Tools, cleaning

Toothed trowel, toothed squeegee, rubber squeegee, epoxy roller, smoothing trowel.

More information is found in our tool programme brochure. Clean tools, equipment and splashed material immediately while fresh with V 101 Thinner.

When cleaning, make sure that suitable protective measures are taken (see also Personal protective equipment).

Personal protective equipment

Suitable nitrile gloves (e.g. Tricotril made by KCL), protective glasses, splash protection, long sleeved shirt or arm protectors.

More information is found in our tool programme brochure.

Notes

All of the values and application rates given were determined under laboratory conditions (20 °C). When worked at the building site, these values may deviate slightly.

To obtain possibly even surfaces the application must be carried out by sufficient and knowledgeable staff.

Uneven application methods, strong air currents and large temperature differences on the surface can cause an irregular appearance of the surface due to different levels of gloss.

Abrasive mechanical loads cause wear marks on the surface of the coating.

Weathering and use can cause changes of colour and on the surface.

The layer thicknesses must be strictly observed do to the reaction heat caused by accelerated systems.

Large residual quantities in the containers cause smoke and odours if the working time is exceeded.

Further notes on working, system construction and maintenance of the listed products are found in the latest Technical Data Sheets as well as in Remmers system recommendations.

Packaging, application rate, shelf-life

Packaging:

Tin container: 11,2 kg

Application rate:

depends on application

Shelf-life:

At least 12 months in unopened and unmixed, original containers stored cool but frost-free.

Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet.

VOC content:

EU limit value for the product (Cat. A/j): max. 500 g/l (2010).

This product contains < 500 g/l VOC

Emergency information:

Mon.- Thurs. from 7:30 a.m. to 4:00 p.m.; Fri. 7:30 a.m. to 2:00 p.m. Product Safety Department: Tel.: +49 (0)5432/83-138
After office hours: Giftinformationszentrum-Nord
24 h hotline + 49(0)551 – 19 240



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EN 13813:2002

6222

Synthetic resin screed for use internally in buildings

Reaction to fire	E _{fl}
Release of corrosive substances	SR
Wear resistance	≤ AR1
Bond strength	≥ B1.5
Impact resistance	≥ IR4

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.



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