

Rhenocoll Color Stones - Stone Carpet
Art.-No.: A 5196

Application area: To be used as an interior, modern floor with stone effect. Thick, joint free floor coating for private, business and industrial areas, living space, garages, basements, warehouses, clean rooms. Natural stones with a size of 2- 4 mm and other sizes are being stirred into a clear coat and applied onto the prepared surface. This forms a covering of several stone layers, tightly pressed, decorative and hard-wearing. The stones received a special treatment; the edges are rounded off to avoid injuries when barefoot. For professional use.

Colors for Color Stones, ø 2- 4 mm:

Standard colors made of natural marble stone:



Black
Marble



White
Marble



Champagne
Beige
Marble



Champagne
Rosé
Marble



Terracotta
Marble

Since marble stones are a natural product, colors may vary.

Work steps for the Stone Carpet surface:

Several steps are necessary:

1. Check substrate

The substrate must be absorptive, dry, clean and free of separative substances (oil, grease, wax). Remove particles with bad adhesion and dust. Please observe DIN EN 13813 (features and demands in floor fill mortar, floor fill mass and floor fill).

2. How to mix the primer

Mix Rhenopox EB 02.1 (component A) and Rhenopox EH 11.1-H (component B) using 5 parts by weight of component A + 1 part by weight of component B. Both packages form a unit. Stir component A well, add component B stirring constantly and mix intensely, use a stirring machine for 2-3 minutes at 300-400 rpm. To make sure that all components are being mixed, put the mixed material into a clean container and stir again. Mixture must be absolutely homogenous! Do not mix with water or other materials. After mixing, let the material rest for a couple of minutes. Process mixture within 30-45 minutes.

3. Apply primer onto surface

The primer is being applied with a roller.

4. How to mix Stone Carpet

Mix Rhenopox EB-KL 09.1 (component A) and Rhenopox EH 12.1-LH (component B) using 2 parts by weight of component A + 1 part by weight of component B.

Stir component A well, add component B stirring constantly and mix intensely, use a stirring machine for 2-3 minutes at 300-400 rpm. To make sure that all components are being mixed, put the mixed material into a clean container and stir again. Mixture must be absolutely must be homogenous! Do not mix with water or other materials. Let the material rest for a couple of minutes. Immediately add Color Stones to this mixture:

Mixing ratio for stones with a diameter of 2-4 mm:

- 1 part by weight lacquer mixture + 6 parts by weight stones

- This corresponds to about 1 liter of lacquer mixture and 6kg stones.

Use a container that is big enough for the stones and the lacquer to be mixed.

Mix the stones intensely until all stones are covered.

Process mixture within 30-45 minutes.

5. How to apply the Stone Carpet mixture

The mixed stone coat can be applied onto the dried primer. A layer thickness of 0.5 – 1.5 cm is possible. Please make sure that the Stone Carpet layer is evenly wetted and that the liquid coating does not build clusters. Apply by trowel, smoothing trowel, pointing trowel (see pictures below). After 24 hours of normal drying, the surface will be ready to be walked on carefully. Thorough drying takes at least 3 days. For intensive use, the layer thickness of the stones should not be less than 1 cm. The Stone Carpet is now completed. The surface may be coated with clear coat if a high abrasion is required.

Storage: Store in a dry place.

Labeling: No labeling required.

Safety advice: During processing, common protection measures and regulations according to the authorized trade association must be observed. Safety-relevant data and instructions regarding disposal can be found in the safety data sheet.

Supply units Color Stones:

25 kg pail

Service:

Our service team for application technology is available to you at any time without obligation.

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The information given within is without obligation and is based on practical experience as well as on experiments which we have carried out and are not attribute guaranties in the sense of the newest BGH legal requirements. We recommend that in any case users carry out their own tests since we have no influence over the large diversity of materials and their processing. No liability for the manufacturer can be derived from the contents of this data sheet. Statements going beyond or deviating from the contents of this data sheet require the written confirmation of the company headquarters. Our General Terms & Conditions apply in any case.

With the release of this Technical Data Sheet all previous versions become obsolete.

Attachment: "Tools"



Bowl trowel or finishing trowel:
to spread material and especially to fill holes



Long trowel with tip:
to spread material and to work on corners



V-notch trowel:
to spread material and to fill holes



Spiked roller:
for subsequent airing of coated surfaces



Low-pile roller:
for application of all epoxy coatings



Foam roller:
for application of epoxy clear varnish,
top-coat