



Technical Datasheet

Strizo® AC 312

Description

1-component, semi-transparent sealing compound with good filling properties based on acrylate dispersion for Strizo® stone carpets.

Product characteristics: ready to use, easy application, very good filling capacity, fast drying, good curing and low odour.

Use

To be used as a sealing compound for Strizo® stone carpets. Improves the maintenance friendliness of stone carpet floors up to a grain size of 4.0 mm. For interior use only.

PROCESSING	APPLICATION
Planning	Create a planning in advance for the sealing of the floor due to the risk of strip formation. Always process layers of Strizo® AC 312 wet-on-wet. At 20°C and 65% relative humidity Strizo® AC 312 can be processed for approximately 15 minutes wet-on-wet. At higher temperatures and lower humidity this time will be significantly shorter.
Application sealer	Apply a quantity of Strizo® AC 312 on the floor and spread it using a wiper (without stick) or a soft but strong plastic washing-in board. Ensure that the material is applied well into the pores, and does not remain as a thick layer on the surface of the floor. If required apply a second coat of Strizo® AC 312. Be careful of stripe formation and always try to avoid thick spots as a result of overlapping and/or uneven material distribution. With a 1 coat finish, the pores are sealed to a large extent, without seriously affecting the optical structure of the floor. With a 2 coat finish, the upper surface of the floor is fully sealed. The optical structure of the floor will have a different look. (If a liquid-tight floor is desired/required Strizo® EP 380 is necessary to use as a sealer)
Finish	After applying Strizo® AC 312 always in finish the surface in one direction with a clean wiper.
Ventilation	Ensure good ventilation, no draft, after applying Strizo® AC 312, to dissipate the resulting moisture. Underfloor heating must be switched off at least 48 hours in advance and can be turned on again when Strizo® AC 312 is completely cured transparent.
Curing	Full curing of Strizo® AC 312 takes, at normal temperature and humidity, approximately 7 days. During the curing time the floor may not be covered, in order to prevent certain ingredients cannot exit. The floor needs to breathe.
Tools	Clean tools with lukewarm water. After drying of the Strizo® AC 312, remains on tools will be difficult to remove. Mechanical aids such as steel wool are then necessary. Deposit contaminated tools at a chemical waste depot.
Pay attention!	Plasticizers, present in car an bicycle tires, in combination with this product cause black spots in an acrylic floor finish.

SUBSTRATE	PRE-TREATMENT
General	The substrate must be sound, completely cured, clean, dry and free of dust and grease. Remove or repair loose and unstable layers. In addition, the substrate must be stable and free of large cracks. Repair large cracks in advance with mesh.
For all substrates	Expansion joints should always be respected.

TECHNICAL DATA	VALUE
Specific mass	Approx. 1,02 kg/L
Binding agent	Polymer dispersion
Solid components	Approximately 45%
Colour	White. Transparent after drying.
Degree of gloss	Satin
Dust dry	Approx. 8 hours
Walkable	Approx. 24 hours (completely cured after 4 weeks)
After-treatment (AC 312)	Approx. 24 hours
After-treatment (coating)	After 7 days
Mechanical resistant	After 7 days
Chemical resistant	After 28 days
Consumption	Approximately 200-1200 gram/m ² dependent on the grain size.
Application temperature	Minimum 10°C – Maximum 25°C. At temperatures higher than 20°C faster drying times should be taken into account
Substrate temperature	Minimum 10°C
Material temperature	In accordance with the ambient temperature at the location.
Relative air humidity	Maximum 65%
Frost resistant	No
pH value	7 - 8
VOC	N.A.
Packaging	10 kg bucket
Dangers	See MSDS

These technical data are determined at 20°C and 65% relative humidity. Drying and curing are highly dependent on temperature, air humidity and the degree of ventilation. Different drying times apply at higher or lower temperatures. At higher temperatures, the open time will be shorter and the risk of strip formation higher.

Safety

Due to the composition of the product there are no restrictions regarding storage, handling and processing. For detailed information the safety data sheet can be requested from your supplier.

Storage/ Shelf life

Strizo® AC 312 in unopened packaging has a shelf life of 6 months. Storage needs to be take place in a dry, cool and frost-free environment.

The information, and, in particular, the recommendations relating to the application and end-use of Strizo products, are given in good faith based on Strizo's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Strizo's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. All orders are accepted subject to our current terms of sale and delivery.