

Rustik

Application instructions

Preparation/Substrate

Rustik can be applied on all solid, stable surfaces that enable adhesion. Concrete is obviously best, but board materials that are carefully fixed to the underlying surface can also be used. Stone floors, tiles or other ceramic materials must be inspected before a decision is taken on application.

Regardless of the substrate, it must be clean and dry to enable adhesion. Contact us for advice if there are impurities, such as oils and grease etc., in the substrate.

Make sure that larger irregularities are filled with suitable filler, depending on the substrate.

Primer

The coating results are always best if a primer is used. The adhesion to the substrate is better, and the risk of the bonding agent in the coating compound disappearing in absorbent substrates is eliminated. The substrate is also protected from spillage of water, oil or the like. When applying on fibreboard the surface should always be primed to avoid "swelling" when the floor is cleaned.

Where primer is used, coating must be carried out within 24 hours (normal hardening time at 20°C is approximately 15 hours).

Rustik may be applied on dry or tacky primer.

Priming Flowprime.

Pour Hardener B into the packaging holding Base A and completely pour out the resultant mixture. Mix using a low-speed drill and stirrer until a homogenous mixture is obtained. Do not mix in too much air.

Apply immediately after mixing using a double-lipped rubber squeegee and/or roller. Ensure that the primer permeates any surface irregularities.

Sand with a particle size of 1.0-1.8 mm is sprinkled in the wet primer, approx. 0.5 kg/m². This is done so that the compound will not "glide" during application.

Consumption, primer: approx. 0.3 kg/m².

Mixing

The compound is mixed in a forced action mixer. First weigh out the stone (Natural stone: 4 sacks = 100 kg, Marble: (5 sacks = 125 kg) and mix well, and equally each time. This is particularly important if stones of different colours are mixed with each other.

Suitable mixing equipment: Small paddle mixer
Forced action mixer

The binding agent must be thoroughly mixed separately.

Pour Hardener B into the packaging holding Base A and completely pour out the resultant mixture. Mix using a slow-speed drill fitted with a helical spinner before adding the stones to the mix.

Thoroughly stir the compound. There is a risk of variations in colour if the mixing is not the same each time.

Remember never to split batches/components. Incorrect mixing ratios or poor mixing can result in irregular hardening or variations in colour, etc.

Application

Tip out the ready-mixed compound in a wheelbarrow and transport to the site. Application can be done by hand with a “bar” or laying box and “bar”. When applying by hand there is a risk of laying unevenly and too thick if you are not experienced. Compress and pack the compound carefully by pressing hard on the bar. Smooth over lightly and with the bar at a slight angle. In the right conditions, a smoothing machine can also be used for this procedure.

When a laying box is used the gap should be set to approx. 12 mm. Pull the box slowly over the floor, and then smooth the floor as above.

During longer interruptions and at the end of the working day a straight seam should be laid, e.g. to a taped strip of wood approx. 8-9 mm thick. The laying is continued to the edge that remains when the strip of wood is removed.

Note that:

Flowcrete products are often multiple-component systems. Poor mixing, or incorrect mixing procedures, can result in irregular and incomplete hardening, which in turn can result in an inferior final result.

We work with natural stone and coloured stone. Check the batch numbers and size of the stones. Remove any sacks which are not the right colour or size. Stones should be taken from the different batches for large areas, i.e. if there are different batches take one sack from each batch.

The temperature should be over 15°C to achieve the best results during application. The temperature of the substrate should be at least 10°C, although a temperature of 15-25°C is recommended.

The temperature of the substrate should exceed the “dew point” by more than 3°C during application and hardening.

The product should be stored in such a way that the temperature is the same as the room temperature where the product is to be applied, i.e. between 15-25°C. This improves the mixing, flow, penetration and hardening of the product.

The surface can normally be walked on after approx. 15 hours at 20°C. Complete hardening takes 5-7 days. There are often several types of products at a workplace. Sort the products separately to avoid mistakes.

Consumption/Ratio of Components

Consumption of Materials

Primer

Flowprime 0.2-0.3 kg/m².

Coating

	Natural stone
Ivory 318	approx. 0.9 kg/m ² .
Stone	approx. 12.5 kg/m ² .

1 set A+B+C is sufficient for approximately 8 m².

Ratio of Components	weight	volume	
Flowprime	2.2:1	2:1	
Ivory 318	2:2	2:1	(A:B)
	2:1:40		

Cleaning of Tools

Cleaned immediately after use in solvent, e.g. Flowsolve Cleaner or Acetone.

Any recommendation or suggestion relating to the use of the products made by Flowcrete SA, whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.

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