

BASE COATS AND FILLERS FOR ANTI-CRACKING SYSTEMS

RSA 2K

Two-component flexible crack filler



MAIN ADVANTAGES

- Effective bridging of scratches and cracks
- For use on both mineral substrates and plastic-based renders/plasters
- High product flexibility (elastomer)
- Easy application

AREAS OF APPLICATION

Two-component flexible crack filler based on hydraulic binders and acrylic resins, intended for bridging stabilised façade cracks and for patching open cracks in external walls of buildings. Designed for manual performance of flexible bridges in **NOVALIT RSA** and **ARMASIL RSA** anti-cracking systems. It can also be used for renovation of historical buildings. Can be applied on mineral substrates (such as traditional lime renders, cement-lime renders, cement renders), as well as on substrates covered with plastic-based renders/plasters. **Note:** The product is intended for single use on the construction object.

TECHNICAL DATA

Base binder:

- component A
- component B

hydraulic binder,
acrylic binder;

Density:

- component A
- component B

approx. 2.8 kg/dm³,
approx. 1.0 kg/dm³;

Mixing ratio for components:

- component A
- component B

2 parts by weight,
1 part by weight;

Open time for application (after mixing): approx. 2 hours;

Average coverage: approx. 0.7-1.1 kg/running metre of filled crack;

Temperature of application (air and substrate): from +5°C to +25°C;

Packaging:

Disposable plastic packaging containing:

- component A
- component B

4 kg of product,
2 kg of product;

Storage: Product should be stored in sealed packaging, in a cool room, but protected from frost.

Note: The product must be kept out of the reach of children.

Shelf life: 12 months from the date of production provided on the packaging, with originally sealed packaging.

HOW TO USE

SUBSTRATE PREPARATION: The substrate must be sound/stable, degreased, clean and dry. Any loose layers, not bound to the substrate (e.g., dust, loose render or flaked paint coatings), should be removed or brushed and reinforced with an adequate primer. Old and/or dirty substrates should be washed and degreased with water and **CLEANFORCE** cleaning agent. In order to suitably prepare the crack/scratch bridging by means of a two-component **RSA 2K** filler (option 2 of **RSA** systems), it is necessary to make two parallel cuts with an angular grinder on both sides of the crack spaced 6-12 cm from each other, to the depth of 8-12 mm. Then remove the render between the cuts. Thoroughly dust off the gap/bridge. **Note:** If the base coat is applied on new mineral substrates (e.g., concrete, cement-lime and cement render) – a minimum 4-week curing period is required.

PRIMING: Open surface of crack/scratch should be primed with **GRUNT NOVALIT GT** or **GRUNT ARMASIL GT** before the application of crack filler. The curing period of the product applied to the substrate before applying the base coat is about 24 hours. The crack filler can be applied when the primer is completely dry.

PRODUCT PREPARATION: Pour adequate amount of component A into a container with component B while mixing vigorously (with a mixer/drill with a basket stirrer) until a homogeneous, lump-free mixture is obtained. While mixing, pay special attention not to form lumps. After leaving it for 5 minutes and remixing, the filler is ready to use. Open time for application (after mixing) of the prepared filler is approx. 2 hours. **Note:** It is necessary to strictly observe mixing ratios for both components! If they are not observed, product properties will change and so it will not function properly as part of the renovation anti-cracking system.

APPLICATION: The prepared crack filler should be applied with a stainless steel trowel to the top level of the render coat.

DRYING: Setting time for the crack filler applied on a substrate is about 24 hours under normal weather conditions (temperature +20°C and relative humidity of 65%). While after 48 hours, it is possible to apply the subsequent layers of anti-cracking system supplied by Farby KABE. **Note:** The setting time may be longer due to low temperatures and high relative humidity. The **NOVALIT MS** and **ARMASIL MS** base coats can be applied directly on a set and dried layer of crack filler.

USEFUL HINTS: Application and setting of the flexible crack filler should be performed on dry days and with air and substrate temperature ranging from +5°C to +25°C. Avoid applying in direct sunlight or during strong winds. In order to protect the unset base coat against severe weather conditions, it is recommended to use appropriate protective meshes or tarpaulins on scaffolds. Tools should be cleaned with water immediately after work is completed.