

BASE COATS AND FILLERS FOR ANTI-CRACKING SYSTEMS

RSA 2K

Two-component flexible crack filler



MAIN ADVANTAGES

- Efficient bridging of scratches and cracks
- To be applied on both mineral substrates and polymer-coated surfaces
- High product flexibility (elastomer)
- Easy application

AREAS OF APPLICATIONS

Two-component flexible crack filler based on hydraulic adhesives and acrylic resins intended for bridging of elevation cracks and for patching open cracks in external walls of buildings. It is used for manual performance of flexible bridges in **NOVALIT RSA** and **ARMASIL RSA** anti-crack systems. It can also be used for renovation of historical buildings. To be applied on mineral substrates (such as traditional lime renders, cement-lime renders, cement renders), as well as on substrates covered with polymer-based coatings. **Note:** The product is intended for single use on a structure.

DANE TECHNICZNE

Base binder:

- component A
- component B

hydraulic binder,
acrylic binder,

Density:

- component A
- component B

ca. 2.8 kg/dm³,
ca. 1.0 kg/dm³;

Mixing ratio for components:

- component A
- component B

2 parts by weight,
1 part by weight;

Shelf life (after mixing): ca. 2 hours;

Average coverage: ca. 0.7÷1.1 kg/running metre of patched crack;

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

Packaging:

Single-use plastic packaging containing:

- component A
- component B

4 kg of the product,
2 kg of the product,

Storage: The product should be stored in its sealed packaging in a cool, frost-protected room.

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

Shelf life: Originally sealed products have a 12-month shelf life from the date of production (this is printed on the side of the packaging).

APPLICATION METHOD

SUBSTRATE PREPARATION: Apply to a sound/stable, degreased, clean and dry substrate. Any loose layers not bound to the substrate (i.e. dust, dirt, loose renders or flaked coatings) should be removed or brushed off and strengthened with applicable primer. Old and/or dirty substrates should be washed off 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** crack filler (option 2 of **RSA** system) it is necessary to make two parallel cuts with an angular grinder on both sides of the crack located 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 made. **Note:** If crack filler is applied on new mineral substrates (such as concrete, cement-lime render and cement render), min 4-week curing period is required.

PRIMING: Open surface of crack/scratch before the application of crack filler should be primed with **NOVALIT GT** or **ARMASIL GT**. Primer should be dry before applying crack filler (ca. 24 h). When the product applied is completely dry, crack filler may be applied.

PRODUCT PREPARATION: Pour applicable amount of component A into a container with component B while mixing (with a drilling machine / a mixer with a basket stirrer) until homogeneous mixture (free from lumps) is obtained. While mixing, pay special attention not to form lumps. After waiting for 5 minutes and remixing, the mass is ready for use. Usable time for applying ready-to-use substance is ca. 2 hours. **Note:** It is necessary to strictly observe a mixing ratio 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 applied crack filler in optimum conditions (at a temperature of +20°C and relative humidity 65%) is about 24 hours. While after 48 hours, it is possible to apply the subsequent layers of anti-cracking system supplied by Farby KABE company. **Note:** Setting time may be longer due to low temperatures and high relative humidity. **NOVALIT MS** and **ARMASIL MS** base coats should be applied directly on set and a dry layer of base coats (without repeated priming).

USEFUL HINTS: Application and binding of flexible two-component crack filler requires dry days and air and the substrate temperature ranging from +5°C to +25°C. Avoid working on surfaces directly exposed to sunlight and in strong winds. To protect fresh crack filler against inclement weather conditions, scaffolding should be covered with some protective netting. All tools should be cleaned with water after work is completed.