

CT 97

Acryl for Plasters

Acrylic sealant to repair cracked structural plasters and façade

CHARACTERISTICS

- ▶ to repair cracks in the façade
- ▶ suitable to paint
- ▶ excellent adhesion to mineral materials
- ▶ waterproof
- ▶ UV resistant
- ▶ permanently elastic even at low temperatures
- ▶ easy to use

SCOPE OF USE

Ceresit CT 97 is a special acrylic sealant, which resembles the structure of the plaster after drying due to the content of fine fractions of aggregates. The product is a component of Ceresit Ceretherm Repair system used to repair damaged and cracked façade made in ETICS technology. It may be used to fill the external and internal cracks and scratches in the insulation systems, but also in all the mineral structural materials, as well as in rough structure.

SURFACE PREPARATION

The crack to repair should be expanded mechanically or dedusted with the use of the edge of a spatula, taking care not to damage the layer of reinforcement. Surfaces must be clean, dry and free from grease, dust, loose particles and impurities which reduce the adhesion of the sealant. In case of major mechanical defects cracks in the insulation layer should be filled in with the use of polyurethane foam Ceresit or by cutting the damaged area and filling in with the insulation material, and then reinforcement should be made with fiberglass mesh.

APPLICATION

Before placing the cartridge in the gun, you should fix the dispensing tip on the cartridge and cut it appropriately to the width of the gap to be filled. Sealant shall be squeezed from the cartridge gun. Gaps need to fill in a continuous manner (without any technological breaks), leaving no empty spaces in them. Possible surface profiling should be done with a damp sponge or brush.



Sealant may be painted after the completion of polymerization, i.e. after approximately 3 days. You should use acrylic paints Ceresit CT 42, CT 44 or silicone paints CT 48, CT 49 Silix XD® and silicate paint CT 54.

Fresh stains should be washed with water, hardened stains should be removed only mechanically.

If you have to stop working, you should squeeze a bit of sealant to protrude from the dispensing tip. Before you start working again you have to pull out the dry material. The opened container should be used in the shortest possible time.

PLEASE NOTE

Application should be performed in dry conditions with the substrate and ambient temperature from +9°C to +40°C and relative humidity below 80%. All the data refer to the temperature of +23°C and relative humidity of 50%. Faster or slower material hardening can occur in different conditions. The temperature of the sealant should be + 20°C during application.

It should not be applied to the depth of the cracks over 10 mm. In case of the application of the product in the insulation systems the cracks should not be wider than 3 mm. In case of contact with eyes they should be rinsed with water.

OTHER INFORMATION

This technical data sheet determines the scope of application of the material and the way of conducting the work, however, it cannot replace the professional preparation of the contractor. Apart from the data provided the application should be done in compliance with the construction and safety work principles. The manufacturer guarantees the quality of the product, however, he does not have any influence on the condition and the way of application. In case of any doubts individual application trials should be carried out. The previously issued data sheets become invalid with the issue of this data sheet.

STORAGE

It should be stored in cool and dry conditions in well ventilated area at temperatures between +5°C to +30°C, and in their original unopened packages. Expiry date is printed on the packaging.

PACKAGING

Plastic cartridge 300 ml.

TECHNICAL DATA

Base: polymer dispersion

Density: approx. 1.5 kg/dm³

Temperature of application: from +5°C to +40°C

Drying time: approx. 30 minutes.

Hardening time: approx. 5 mm within 10 days

Elasticity: <40%

Mechanical properties (for concrete)

b) elongation at pull off (%) at the temperature of +23°C: ≥100

Adhesion properties/cohesion

at the constant: temperature no damage

Adhesion properties/cohesion after water treatment (for concrete)

b) elongation at pull off (%) at the temperature of +23°C: ≥100

Volume change (%): ≤ 25

Slip resistance (mm):

- at the temperature +5°C ≤ 3

- at the temperature +50°C ≤ 3

Temperature resistance

after setting: from -20°C to +70°C

Assumed consumptions:

Number of running meters per packaging 300 ml:

Width of gap:	3 mm	4 mm	6 mm	8 mm	10 mm
Depth:					
4 mm	25	18	13	10	7
5 mm	20	15	10	7	6
6 mm	17	13	8	6	5
8 mm	13	10	6	5	4
10 mm	10	8	5	4	3

This product is compatible with the standard No PN-EN ISO 11600:2004 Category ISO 11600-F-12-5P.

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organizations and trade associations as well as the respective standards. The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +20 °C and 60 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.



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