



BAYCOCRYL-AY 80

Versatile, polyacrylate-based, two component, modified injection grout

Description:

BAYCOCRYL-AY80 is a two component, versatile, environmentally compatible, polyacrylate based, modified injection grout.

Properties:

- stabilized gel
- non-corrosive
- suitable in all situations
- high frost resistance
- high chemical resistance
- no adhesion required to sides of joint/crack
- very high reactive and reversible swelling action
- for damp, water-bearing cracks and construction joints

Areas of Application:

BAYCOCRYL-AY80 is the standard material and lends itself to practically all waterproofing applications – whether for the remedial grouting of cracks and joints or, in conjunction with the injection systems, for preventive waterproofing solutions.

Technical Properties:

Form: A-Comp. – liquid
B-Comp. (cat.) – liquid
C-Comp. – powder

Viscosity (+20°C) A+B Comp. (mixture): 13 mPa·S

Density (+20°C) - A+B Comp. (mix.): 1,02 kg/l
C+D Comp. (mix): 1,01 kg/l

Application temperature: from +3°C to +60°C
(down to -5°C in frost-free cracks and joints)

Compressive strength: approx. 0,16 N/mm²

Swelling capacity: approx. 20-30 %

pH value of mix: approx. 7,5 bis 12,0 after reaction
with alkalinity of concrete

Start of polymerisation: approx. 2-3 min. at 20°C

Packaging:

A+B Comp. (mixture): 25,75 kg

C-Comp. (powder): 0,5 kg

D-Comp. (liquid): 24,5 kg

Storage/Shelf life:

In dark location, from +5° C to +25° C,
12 months in original packaging

Product Preparation:

- A component and B component can be delivered mixed. If A and B components delivered separately, they should be mixed.
- When the mixture of A and B components stored for a long time; the reaction inside must be checked before using.
- C and D components should be mixed in a different container just before the application. The prepared mixture should be used within 24 hours.
- The material is applied using two component injection pump with the components fed separately in the ratio 1:1 by volume.

Method of Application :

- BAYCOCRYL-AY80 is applied using two component injection pump with the components fed separately in the ratio 1:1 by volume.
- BAYCOCRYL AY-RE Retarder and BAYCOCRYL AY-AC Accelerator may only be added to the A component. Accelerated material shall never be retarded and retarded material shall never be accelerated.
- BAYCOCRYL AY-PE Elastomer polymer emulsion can be added to the C component as a substitute for water. This significantly reduces shrinkage while considerably improving adhesion to the base.

Cleaning & Equipment Maintenance:

Clean pump and equipment with water.

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Important Advice:

- Protect the products against the UV-light, sunlight.
- Absorb spilled resin with sand or sawdust and dispose according to the local regulations.

Health and Safety:

- In case of contact with the skin: wash with lots of water and soap. Rinse well afterwards.
- In case of contact with the eyes: rinse the eyes during a few minutes with clean water. Consult a doctor.