

AQUAFIN®-CA

1 component hybrid universal adhesive and jointing compound for interior and exterior use



Material number	Contents	Packaging	Colour
20721 2001	290 ml	Cartridge	Grey
20721 2002	600 ml	Tubular bag	White

Product features

- Ready to use
- Solvent free
- Silicone and isocyanate-free

Advantages

- Adheres to damp substrates
- Weather, age and UV-resistant
- High initial adhesion
- Cures under water

Areas of application

- For the fixing of swellable waterstops (AQUAFIN-CJ3/-CJ4/-CJ6)
- For bonding overlaps of fresh concrete composite systems
- For bonding and installing different materials in building construction and civil engineering (e.g. wood materials, glass, metals, plastics, ceramics, brickwork, natural stone, plasterboard)
- For various repair and assembly work (even under water)
- For interior and exterior use

AQUAFIN®-CA

Technical Data

Material properties

Product components	Ready to use
Base material	MS hybrid-polymer
Consistency	Paste, non slump
Density (spec. weight)	approx. 1.46 g/cm ³
Skin formation	approx. 20 minutes
Rückstellvermögen (ISO 7389)	> 36 %
Shore-A Härte (ISO 868)	approx. 50
Temperature resistance	-40 + 95 °C
Volume change until	< 6 %
Zulässige Gesamtverformung (DIN EN ISO 11600)	max. 15 %

Application

Substrate/application temperature	from 5 °C to 35 °C
Pot life	approx. 30 minutes
Consumption	approx. 25 ml / m adhesive bead depending on adhesive thickness and width of adhesive zone
Hardening process per 24 hours	min. 3 mm

Application technology

Aids/tools

Cartridge gun

Suitable substrate

- Concrete
- Wood materials
- Glass
- Metal
- Plastic
- Ceramics
- Brick
- Natural stone
- Plasterboard

Substrate preparation

Requirement for substrate

1. Load-bearing
2. Even
3. Pore open
4. Free of adhesion inhibiting substances

Preparing the surface

1. Depending on the substrate condition, the cleaners ASO-R001, ASO-R003 or ASO-R008 may be suitable (observe the current technical data sheets).
2. The substrate may be matt damp.
3. Water puddling is not permissible.

Usage

Application

1. In the case of surface bonding, the contact surfaces must be permeable to moisture (e.g. concrete, wood). Alternatively, apply the adhesive in parallel beads spaced apart to ensure the moisture migration (humidity) required for curing.
2. Form adhesive joints with an excess adhesive thickness of at least 2 mm.
3. Avoid 3-point adhesion for joint water proofing. Carry out the joint water proofing in accordance with DIN 18540.

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Bonding of fresh concrete systems

1. Apply AQUAFIN®-CA fully to the substrate in the AQUAFIN®-WM12 overlap area.
2. Remove the gun cleanly and abruptly. Due to the very good bonding force, AQUAFIN-CA pulls itself out when the cartridge gun is removed.
3. The concreting process can take place no sooner than 8 hours after adhesion.
4. Press the next film into the fresh adhesive.

Adhesion of swellable waterstops

1. Apply AQUAFIN-CA fully to the substrate in the overlap area.
2. Remove the gun cleanly and abruptly. Due to the very good bonding force, AQUAFIN-CA pulls itself out when the cartridge gun is removed.
3. Press the swellable waterstops into the fresh adhesive until it is pressed out from underneath.
4. The concreting process can take place no sooner than 8 hours after adhesion.

Storage conditions

Storage

Cool, dry, protected from sunlight. Min. 24 months in the original canister. Promptly use opened container.

Notes

- Protect surfaces that are not to be treated from the effects of AQUAFIN®-CA!
- Not suitable for aquariums.
- The technical datasheets and processing instructions for the swellable waterstops and fresh concrete waterproofing membranes to be used must be observed.
- All information and recommendations in this technical data sheet are based on current experience, tests performed and advice given by users. Due to the high number of different influences that occur during applications and the differences between applications / building materials, it is the user's responsibility to determine whether the adhesive or the intended bonding method is suitable for the respective application by carrying out their own tests and trial bonding processes.

Observe applicable safety data sheet!

GISCODE: RU1

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