AQUAFIN®-CJ6

Thermoplastic swellable waterstop tape for waterproofing of construction joints



Material number	Package type	Colour	Units / pallet	Pc/package
207222001	5 x 40m, box	Red	20,000	1,000
207222002	40m, roll	Red	50,000	1,000

Fields of application / waterproofing

For internal waterproofing of construction joints in concrete structures

Product features

- Extremely dimensionally stable, even at high temperatures
- tested to 4 bar water pressure
- watertight concrete sealing system in accordance with BBA

Advantages

- Simple application
- Rapid and powerful swelling
- Self-injecting effect through penetration into cracks and cavities
- Suitable for fresh water and salt water

Technical Data

Material properties

Product components	Roll goods
Base material	TPE
Sealing against pressing water until (in accordance with BBA)	4 bar
Start of swelling with water load	after approx. 2 hours
Swelling pressure	approx. 1.06 N/mm²
Rate of swelling, 2 hrs. (demin. water)	approx. 50 %
Rate of swelling, 24 hrs. (demin. water)	approx. 460 %
Rate of swelling, 8 days (demin. water)	≥ 700 %
Classification of the reaction to fire in accordance with DIN EN 13501-1	E

Application

Application temperature	approx. 0 - 50 °C

AQUAFIN®-CJ6

Processing equipment

Aids/tools

- Cartridge gun
- Nail gun

Preparing the substrate

Requirement for substrate

1. Dry
2. Even
3. Clean
4. Free of adhesion inhibiting substances

Preparing the surface

1. The substrate may be matt damp.
2. Water puddling is not permissible.

Application

Application

1. A concrete covering of > 8 cm should be carried out to the water-conducting side.
2. Glue AQUAFIN®-CJ6 with mounting adhesive for swellable waterstops. The concreting process can take place no sooner than 8 hours after adhesion.
3. Alternatively, AQUAFIN®-CJ6 can also be fastened with steel nails (min. 5 nails/m). When doing so, it must be ensured that it is pressed onto the substrate over the entire area.
4. Avoid looping and cavities.
5. Swelling tape connections can be applied with an overlap of at least 5 cm or butt-jointed.
6. Butt-jointed swelling tape connections must be secured with a separate swelling tape with an overlap of at least 3 cm.

Storage conditions

Storage

Cool, dry, protected from sunlight. Min. 24 months in the original canister.

Notes

- The swellable waterstop must be subjected to a visual check before concreting. Heavily pre-swollen joint sealing tapes are unsuitable and must be removed.
- A concrete covering of min. 8 cm must be complied with.
- Swellable waterstops must be protected against floating and slipping in all areas.

Relevant regulations

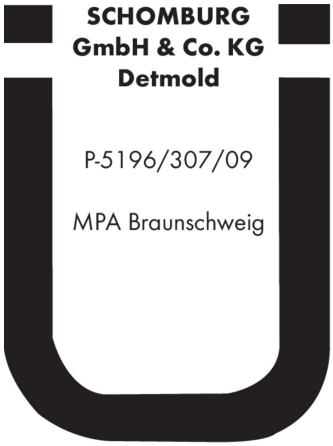
The recognised standards of construction engineering, the relevant guidelines and current regulations must be observed.

Observe applicable safety data sheet!

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Explanations

Conformity / Declaration / Verification



The rights of the buyer with regard to the quality of our materials are based on our terms and conditions of sale and delivery. Our technical advice team will be happy to advise you in the case of requirements that exceed the scope of the application described here. In order to be binding, a legally binding written confirmation is required. The product description does not release the user from a duty of care. Lay a test area in the event of uncertainty. This version becomes invalid in the event of a new version being issued.