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Technical Data Sheet

AQUAFIN®-CJ3

Bentonite waterstop with patent

Art.-No. 2 07203

- Rapid and extensive expansion
- Self injecting function by penetration in cracks and voids
- Extremely dimensionally stable, does not become tacky even at high temperatures in summer
- High inorganic content therefore no material fatigue
- Positively supports the self-healing process in work joints through special constituents

Areas of application:

AQUAFIN-CJ3 is used for the internal waterproofing of construction joints in concrete structures, which are constantly or temporarily subject to loads due to ground, slope and/or surface water. Use in water exchange zones is straightforward.

AQUAFIN-CJ3 excels with its extensive, rapid and reliable swelling abilities, whereby the factory applied protective coating effectively delays premature swelling from rain.

Product application:

Protect waterstops against slippage and floating away. This is ensured by fixing to the concrete substrate by dowels, nails, plugging or bonding with mounting adhesive for waterstops.

Technical Data:

Basis: sodium bentonite embedded

in a matrix of high molecular weight poly-isobutylene rubber as well as special fillers and

additives

the waterstop's profile is Form:

square edged and flexible

Colour: black / dark grey $18 \times 24 \text{ mm}$ Size: Swelling capacity: > 500%

Weight: approx. 730 g/m

Water impermeability when installed:

Toxicity: not a hazardous product, no

2 bar

poisons classification, no risk to

drinking water

Packaging: rolls of 5 m = 4 rolls/boxfrost free and protected Storage: against weathering,

max. 5 years

Advice:

- Must be covered by at least 8 cm of concrete.
- Always store bentonite waterstops under dry conditions.
- Waterstops must lie flat and level on the concrete. There must be no contamination beneath the waterstop.
- Before installing the concrete visually inspect the waterstop. Heavily swollen waterstops are unsuitable and must be removed.
- Follow current relevant regulations and data sheets. So, for example:
 - The technical rules for "concrete structures that are impermeable to water" from the German committee for reinforced concrete (DafStb)
 - The data sheet "injection hose systems and swelling construction joint inserts" from the German concrete and construction technology association (Deutscher Beton- und Bautechnik-Verein e.V.).

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