SCHOMBURG GmbH & Co. KG
Aquafinstrasse 2 – 8
D-32760 Detmold (Germany)
phone +49-5231-953-00
fax +49-5231-953-108
email export@schomburg.de
www.schomburg.com

SCHOMBURG

Technical Data Sheet

AQUAFIN®-CJ4

Art.-No. 2 07204

Bentonite waterstop with patent. Protective coating against rain.

- Rapid and extensive expansion
- Installation possible independent of weather conditions, as the special patented coating delays swelling
- 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

SCHOMBURG GmbH & Co. KG Detmold
P-5031/9445
MPA Braunschweig

Areas of application:

AQUAFIN-CJ4 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-CJ4 is suitable for applications of usage class A, wear classes 1 and 2 in accordance with the technical rules for concrete structures that are impermeable to water, from the German committee for reinforced concrete.
AQUAFIN-CJ4 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
Form:	the waterstop's profile is square edged and flexible
Colour:	black / dark grey
Size:	18 x 24 mm
Swelling capacity:	> 500%
Weight:	approx. 730 g/m
Water impermeability when installed:	2 bar
Toxicity:	not a hazardous product, no poisons classification, no risk to drinking water
Packaging:	rolls of 5 m = 6 rolls / box
Storage:	frost free and protected 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.).