

BC Fix tape

Product Description:-

BC Fix tape joint sealing system consists of two products BC Fix tape and BC Poxy putty 2000

The BC Fix tape is a highly elastic, rot-proof and chemically resistant sealing membrane.

BC Poxy putty 2000 is a two part epoxy compound which establishes a strong bond to various compound which establishes a strong bond to various

Fields Of Application:

Sealing of construction joints, expansion joints, connecting joints, cracks and crevices, etc. Adheres to many types of substrate such as concrete, mortar, plaster work, steel iron, aluminum, stoneware, glass plaster work, steel iron, aluminum, stoneware, glass and epoxy Typical uses are for concrete tanks, cast and cement pipe connections, bridge decks, tunnels, water towers and reservoirs, ponds, silos, containers, secondary tanks BC Fix tape can be applied on dry or slightly humid substrates

It is ideal for joints with very large expansion or irregular, broken joint flanks.

Grey coloured, weather and waterproof.

Benefits:

Durable
Long lasting elasticity, even at high temperatures
Root resistant
Resistant to a wide range of chemicals
Cost effective
Approved for use with potable water
Easy to apply
User friendly heat welding of tape overlaps
Can be applied horizontally, vertically and even overhead.

Surface Preparation:

Mix adhesive thoroughly, following the guidelines of the manufacturer

Apply the well-mixed material on both sides along the joint or crack on the prepared substrate, preferably with a notched trowel or spatula. Layer thickness should be about 2-1 mm.

When sealing cracks, or narrow joints the BC Fix tapes should not be bonded along the centre line of the tape. A minimum unbonded width of 20mm is recommended to allow for expansion and contraction.

Wipe the edges of the tape with BC Thinner 101 then place the clean and well-aired tape

immediately into the adhesive layer and press well in with a roller

For very wide joints draw the tape suitably into the joint so that a hollow is formed

Holes punched at the edges provide added anchorage.

By warming up the membrane, it can be stretched over slight irregularities of the



Typical Properties:

Physical properties 1mm 2mm
Total thickness 1.0 (+ 5%) 2.0 (+ 5%)
Specific Weight 920 g/m ²
Shore A 92 93
Burst pressure max. > 4 bar > 4 bar
Breaking load longitudinal, ASTM D638 Type IV > 10.5 N/mm ² > 10.5 N/mm ²
Breaking load lateral, ASTM D638 Type IV > 11.0 N/mm ² > 11.0 N/mm ²
Extension break longitudinal, ASTM D638 Type IV 380 ± 30% 380 ± 30%
Extension break lateral, ASTM D638 Type IV 610 ± 30% 610 ± 30%
Power absorption at 25% Elasticity lateral, DIN EN ISO 527-3 4.0 N/mm 7.9 N/mm
Power absorption at 50% Elasticity lateral 4.5 N/mm 8.9 N/mm
Resistance to water pressure, DIN EN 1928 (Version B) > 4,0 bar > 4,0 bar
Peel test on wooden platelet, DIN EN ISO 527-3 > 100 N/50 mm > 100 N/50 mm
Bonding strength, DIN EN 1348 Greater than 1 Mpa Greater than 1 Mpa
Resistance to tearing longitudinal, ASTM D624 Type C 47.3 104.5
Resistance to tearing lateral, ASTM D624 Type C 50.2 105.3
UV-Resistance: min, DIN EN ISO 4892-3 6.500 h 6.500 h
Fire classification, DIN EN 4102 B2 -
Aging through heat (70 °C, 28h) The requirements are met The requirements are met
Resistance to impact, DIN EN 12691 The requirements are met The requirements are met
Chemical Properties, (Resistance after storage over 28 days by room temperature in following chemicals)
Hydrochloric acid 3% +
Sulphuric acid 35 % + +
Citric acid 100g/l +
Lactic acid 5% +
Potassium hydroxide 3% / 20% + / +
Salt water (20g/l Sea water salt) + +
+ = resistant, 0 = weakened, - = non resistant

Supply Form:

BC Fix tape dimensions:

Thickness: 1 mm Thickness: 2 mm Width 100 mm and 150 mm Width 150 mm

Storage:

In rolls of 20m length (all sizes) Store BC Fix tape well protected against sunlight at ambient temperate in dry conditions.

Building Chemistry Industry

Suit No 203, Al Manar Business park Bin Khalid Street Dammam .Kingdom of Saudi Arabia.

Email: info@bcisaudi.com Website: www.bcisaudi.com

