

PRODUCT DESCRIPTION: Fibflex EP Tape 100 mm is high performance joint sealing system for construction, expansion and connection joints as well as for cracks. When fixed to the joint, allows irregular and high movement in more than one direction, whilst maintaining a high quality seal. The Fibflex EP system consists of a flexible waterproofing tape and a suitable FIBREX epoxy adhesive.

AREAS OF APPLICATION

- airports
- tunnels
- facades
- power plants
- roofs and terraces
- swimming pools
- interior applications
- shopping / office buildings
- water treatment plants
- bridges and flyovers
- balconies and parapet joints
- car parks / basements
- wet rooms / bathrooms
- Concrete construction & control joints
- Crack filler repair for old floors
- Industrial and commercial floors

ADVANTAGE

- Used for many types of joints :
- Cold Joint
- Movement Joint
- Expansion Joint
- Settlement Joint
- Dummy Joint
- Pressed Joint
- Contraction Joint etc.
- Crack Bridging
- Durable
- Highly Flexible
- Non Corrosive
- Self-Curing
- Root resistant
- UV resistant
- Watertight
- Easy to cut, Weld (hot air) and join.
- Easy application of adhesive and tape
- Resistant to constant exposure to water
- Permanently elastic even at low temperatures.
- Resistant to puncturing and tearing, also easy to repair
- Good adhesion to concrete, mortar, steel and many other building materials.

APPLICATION METHODOLOGY

SURFACE PREPARATION

Surfaces must be clean, sound and dry. On damp surfaces the pull off strength should be tested. Dust, oil, grease, old coatings, laitance, efflorescence, rust, curing compounds, wax, formwork release oil and similar contaminants must be removed prior to application.

APPLICATION

Over Concrete surfaces if necessary the substrate must be sanded to guarantee optimal adhesion of Fibrex Adhesives. Verify the substrate has been properly cured.

FIBFLEX EP tape 100 mm may be welded with a hot air welding machine set to 270°C. Maximum temperature allowed for welding is 360°C. Welding of the tape should be carried out prior to the application of the tape. Before welding the tape, roughen the seam area with a wire brush. To weld the tape, place it on a level substrate and press the overlapping ends of the tape together firmly after applying hot air using a wooden or hardened rubber roller.

Application with adhesive

- Fibrex Adhesives is applied to the prepared substrate on both sides of the joint so both sides of the tape are embedded into the adhesive on a width of at least 38mm. The layer thickness of the Adhesive should be approx. 2.0 mm.
- The Tape is then immediately embedded into the fresh adhesive and pressed onto the adhesive using a hand roller or a similar suitable tool. Ensure the tape has good contact to the adhesive everywhere.
- Then a second layer of Adhesive is applied on top of the Tape so that the edges of the tape are over-coated on a width of min. 50mm. Also, apply Adhesive so that it covers the substrate next to the tape on a width of at least 19.9mm.

CLEAN UP

Clean all tools immediately after use with Fibrex Paint Remover. Do not allow material to harden.

TECHNICAL SPECIFICATIONS

Color	Grey
Shore Hardness (15 sec.) (ASTM D2240)	80(Shore A)
Tensile Strength(ASTM D882)	> 7 N/mm ²
Elongation at Break(ASTM D882)	> 600%
Peel Strength(ASTM D3807)	> 8 N/mm ²
UV Resistance(ASTM G154)	> 6000 Hours
Service Temperature	-40°C to +80°C
Water Resistance	> 8 Bar
Chemical resistance	
Chemicals	Observation
Bitumen	resistance
Water	resistance
Sea water	resistance
Waste water	resistance

FIBFLEX EP TAPE 100 MM

High Performance Joint Sealing System

Product # 114.93
Version no: 16.11.23

Data
Tech

Uv radiation	resistance
Hydrolysis	resistance
Micro organism	resistance
pH	pH = 2 to 10 (below 30°C) pH = 5 to 10 (below 40°C) pH = 6 to 8 (below 60°C)
Acids	Limited resistance
Alkalies	Limited resistance
organic solvents (Ester, Ketone and similar).	Limited resistance

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

PACKAGING

Fibflex EP Tape 100 mm is available in given below roll.

Width	Thickness	Length
100 MM	2MM	25MTRS

STORAGE

Store Fibflex EP Tape 100 mm at temperatures between + 10° C and + 35° C and in dry, clean conditions and in their original, closed wrapping away from sources of chemical contamination, damage, ignition sources and open flame. Shelf life is beyond 10 years. Exercise caution when lifting, moving, transporting, storage & handling to avoid puncture and physical damage.

NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

DISCLAIMER:

Fibrex Construction Chemicals products though are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Fibrex Construction Chemicals wishes to clarify that any advice, recommendation, specification or information is accurate and correct, though it cannot, at any time assume any liability either directly or indirectly arising from the use of its products. This is because it has no direct or constant control over where or how its products are applied, and whether or not in accordance with the advice specification, recommendation or information given by it.

FIBREX OTHER PRODUCTS – WE DO

