

PRODUCT DESCRIPTION: High performance joint and crack sealing system for construction joints, expansion (movement) joints and connection joints or cracks. The system allows variable and high levels of movement in one or more directions, whilst maintaining a high quality watertight seal.

AREAS OF APPLICATION

Joint waterproofing tape for:

- wall
- floor junctions
- movement joints
- It is applied with tiles and natural stones

ADVANTAGE

- Waterproof
- Chemical resistant
- Easy to install
- Highly flexible at both direction longitudinal and lateral
- Long lasting elasticity, even at high temperatures

APPLICATION METHODOLOGY

SURFACE PREPARATION

The SUBSTRATE must be clean and sound, All oil, dirt, debris, paint and any other material that may be a bond breaker must be removed. The final step in cleaning should be the complete removal of all residues with a vacuum cleaner or pressure washing. All joint facings must possess an open surface texture with all curing compounds and sealers removed.

PLACEMENT

After the surface is fully prepared in accordance with the FIBREX guidelines, unpack and unroll FIBFLEX FR Membrane and position without stretching. Let the membrane relax for up to 30 – 45 minutes and inspect for any damages.

Using a trowel or spatula, the mixed FIBBOND 253/253HV is applied to the prepared substrate for a minimum thickness of 1 mm. Lay FIBFLEX FR along the adhesive and press firmly to ensure complete contact and eliminate any air bubbles. The adhesive should squeeze out on either side of the tape. Smooth off the product with a flat trowel.

CLEAN UP

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

TECHNICAL SPECIFICATIONS

Color	Grey
Total width / Coating width:	120 mm /75 mm
Total thickness (approx):	0,66 mm
Material weight (approx.):	38 g / mt
Resistance to temperature: min. / max.	- 30°C / + 90°C
Length per roll:	50 meters
Burst Pressure: max(Internal)	3.0 bar
Tensile strength longitudinal(DIN EN ISO 527-3)	115 N / 20 mm
Tensile strength load lateral(DIN EN ISO 527-3)	46 N / 20 mm
Tear Resistance Lateral(EN-ISO 527-2)	48 N/mm ²
Tear Resistance Longitudinal(EN-ISO 527-3)	52 N/mm ²
Shore(ISO 868)	70 Shore A
Peel Strength(DIN 16860)	>20 N/10mm
Service Temperature(SIA V280/3+4)	-30°C / +90°C
Density	38 g/mt
Maximum elongation longitudinal(DIN EN ISO 527-3)	%29
Maximum elongation lateral(DIN EN ISO 527-3)	%139
Resistance to water pressure(DIN EN 1928 (Version B))	> 1,5 bar
UV-Resistance: min.(DIN EN ISO 4892-2)	500 h
CHEMICAL PROPERTIES	
Resistance after storage over 7 days by room temperature in following chemicals	
chemicals	+ = resistant 0 = weakened - = non resistant
Hydrochloric acid 3%	+
Sulphuric acid 35%	+
Citric Acid 100g/l	+
Lactic Acid 5%	+
Potassium Hydroxide 3%/20%	+ / 0
Sodium Hypochlorite 0.3g/l	+
Salt Water 20g/l Sea Water Salt	+
Certified	according to DIN EN ISO 9001: 2008

Standards	ISO 9001 Quality Management ISO 14001 Environmental Management ISO 18001 Occupational Health and Safety Management
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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.

LIMITATIONS

- Do not apply FIBFLEX FR on surfaces known to, or likely to, suffer from rising dampness, potential osmosis problems or having relative humidity greater than 75 %. Consult fibrex before using FIBFLEX FR in those areas.
- Do not apply FIBFLEX FR to asphalt, weak or infirm concrete, unmodified sand-cement screeds, PVC tiles or sheets, or substrates known to move substantially.
- Do not apply FIBFLEX FR over treated expansion joints.

Please contact FIBREX for installation of floor coating over

- Oil / Fat rigged floors
- Floors with moisture content over 4 %
- Floors with rising moisture problem
- Asphalt based surface (interior)
- Floors with a pull off strength less than 1.5 N / mm²

PACKAGING

FIBFLEX FR available in 75mm*50m roll.

STORAGE

Store FIBFLEX FR membranes at temperatures between + 5° C and + 30° 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 2 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

