

SOLTEX High Density Joint Filler



Soltex HD is a, closed cell, cross-linked, semi rigid polyethylene, joint filler, for use as a joint filler in the construction industry.

- Non-Absorbent closed cell structure
- Ideal for use with potable water
- Meets BS, DOT & WRC specifications
- Waterproof & UV resistant



| Sizes Available | |
|---------------------|---------------|
| Thickness | Length |
| 10 / 15 / 20 / 25mm | 2m Strip |
| 10 / 15 / 20 / 25mm | 2m x 1m Sheet |

SOLTEX - Sealants / Foams / Fillers

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Product Description

Soltex HD is a, closed cell, cross-linked, semi rigid polyethylene, joint filler, for use in brick and blockwork. It fully meets the specification of BS5628 Pt 3: 2001 Section 5.4.3 – Code of Practice for use of masonry.

Soltex HD is compliant with the Department of Transport Specification 1015 for Roads and Bridges.

Soltex HD is ideal for use in all water retaining structures such as reservoirs, sewage tanks, runways, taxiways and aprons, sea defences etc.

Soltex HD is ozone, oil, and weather resistant, and has very low water absorption properties of <1% by volume. Soltex HD has been tested to BS6920 by the Water Research Council (WRC), and can be used with potable water. It is registered under the Water Byelaws Scheme, product no. 9402509. Where Soltex HD is used as a joint filler, there is no need for any additional bond breaker.

Features & Benefits

- Heavy duty closed cell construction
- Clean to handle and easy to cut on site
- High compressive strength
- Acid and alkali resistant
- Can be split or heat laminated from 1mm to 500mm
- Excellent recovery after compression
- Suitable for use with potable water
- Suitable for use with hot pour sealants
- Non-extruding - will not be displaced by compressive loads and movement
- Resilient - will not distort under load from wet concrete
- Deformable - accepts movement with low load transfer

| Technical Data | | | | |
|---------------------------|-----------------------------------|--------|----------------------|--------------|
| Properties | Value | Result | Unit | ISO Standard |
| Compressive Strength | 10% | 66 | kPa | ISO - 844 |
| | 25% | 89 | | |
| | 50% | 170 | | |
| Compression Set | Deflection 25% 24 hrs recovery | 97 | % | ISO - 1856 |
| Tensile Strength | | 605 | kPa | ISO - 1798 |
| Density | | 60 | kg/m ³ | ISO - 845 |
| Water Absorption | 7 days | 1 | Volume % | DIN 53428 |
| Water Vapour Transmission | 38°C (0-85%rh) | 1.15 | g/m ² 24h | N/A |
| Thermal Conductivity | 10°C | 0.040 | W/mK | ASTM C177 |
| | 40°C | 0.042 | | |