

STILE FUSION HIGH ELASTIC WATERPROOF MORTAR

1. Product Description:

Advanced Waterproof Bandage. Enhances waterproofing with superior flexibility, reinforcing joints and corners to prevent water ingress. Designed for durability and long-lasting protection in wet areas. Made of thermoplastic elastomer and polyester fiber, with excellent elasticity, the main material is TPE+non-woven fabric. The use of retractable lap straps can form linear connections to ensure the integrity of the entire system's waterproofing.

2. Product Advantage

- 1) Linear connections can be formed using TPE tape to ensure complete waterproofing of the entire system.
- 2) It remains permanently flexible even at low temperatures, and has UV and aging resistance.

3. Application:

- 1) Flexible waterproofing seal of expansion joints subject to large amounts of movement in service.
- 2) Flexible waterproofing seals in tunnels, road-works, etc.
- 3) Sealing expansion joints in prefabricated panels.
- 4) Sealing structural joints in façades.
- 5) Sealing joints in hydraulic works, such as channels, basins, drains, pipe-work, etc.
- 6) Waterproofing joints in road-works.
- 7) Waterproofing expansion joints in flat covering layers.



4. Technology specification

Test Item	Unit	Test Results	Test standard
Thickness	mm	1.2±0.2	GB/T 7125-2014
Density	g/cm ²	1.0±0.1	GB/T533-2008
Width	mm	120±2	Ruler
Hardness		50±10	GB/T531.1-2008
Tensile strength	Mpa	1	GB/T1040.1-2018
Elongation rate	%	500	GB/T1040.1-2018
Temperature resistance	C		-20C—70C