

Product Description

STS offer a range of movement joints for use in residential and commercial applications. They are available in aluminium with a rubber expansion joint in a range of colours.

Protection

In order to protect the trim in transport, whilst fitting and grouting the profiles have a transparent protective film to be removed after installation.



Test Results

TEST AREA	RESULT	METHOD USED	STRENGTH TEST	
Shore Harness	A50	ISO626 (3 sec.)	Point Loading	154N
Density	1.18± 0.05	N/A	Compression at 20%	140N
Tensile Strength	2.4 N/mm ² (340 psi)	ASTM D 412	Compression at 30%	226N
Elongation at break	≥80%	ISO8339	Extension at 20%	77N
Peel Adhesion	150 N/cm (84lbs per inch)	ASTM C794	Extension at 20%	102N
Heat Resistance	-40°C up to +90°C	N/A	Share Resistance at 5mm	83N
Tear Strength	6 N/mm	DIN53515		

Performance

British Standard BS 5385 recommends that a Joint should be able to absorb 20% of the width of the Joint in movement accommodation; these Joints far surpass the minimum requirement. STS movement Joints fit this criteria for expansion and compression on a lateral basis.

Installation Guidelines

1. Ensure the correct depth of profile is selected according to the tile depth
2. Using a suitable notched trowel spread tile adhesive onto the floor, following the manufacturer's guidelines
3. Firmly bed the trim into the adhesive in the correct location - make sure that the adhesive penetrates the holes in the flange
4. Spread the adhesive over the anchoring legs/returns and bed the tiles firmly into the adhesive
5. Ensure the profile rests approximately 1mm lower than the tile
6. A grout joint should be left between the tile and the profile