

Technical Data Sheet

STICKFLEX PY PEEL STOP

1. Description	Stickflex PY is a self adhesive, polyester reinforced (120g) SBS elastomeric modified bitumen waterproofing membrane. Both surfaces are covered with peel off silicone film.
2. Use	Peel stop layer in Axter Neo-Bitumen® flame free and Excel FM mechanically fixed warm roof waterproofing systems.
3. Application method	<p>Installed fully bonded, with fully sealed joints, using self adhesive/hot air techniques. The Stickflex PY membrane must be loose laid in position prior to removal of silicone release film from the underside of the roll. Roll back membrane and peel off silicone film in one simultaneous action.</p> <p>Roll out the membrane ensuring full adhesion. Use a heavy metal roller to remove air bubbles. Partial bonding of the self adhesive lap joint is achieved using the roller and a full bond is completed by hot air welding with flame-free tooling.</p>
4. Storage	Rolls to be stored upright and away from heat.
5. Composition	(Indicative).

Reinforcement (g/m²)	Non woven polyester reinforced with glass-fibre	120
Binder	SBS elastomer self adhesive	
Surface finish	Protective film peel off silicone	
Under surface finish	Peel off silicone film	

Characteristics		Standard	Units	Values	Tolerance
Dimensions	Length	EN 1848-1	m	10	MLV
	Width		m	0.50	MLV
	Straightness		mm	20mm x 10m	Pass
	Thickness (on finished product)	EN 1849-1	mm	2.7	±0.20
Visible defects		EN 1850-1	-	Without defects	
Watertightness (A)		EN 1928	kPa	60	MLV
External fire performance		EN 13501-5	Class	F Roof	NPD
Reaction to fire		EN 13501-1	Class	E	Pass
Tensile strength (longitudinal / transversal)		EN 12311-1	N/50mm	400 / 300	±20%
Elongation at break (longitudinal / transversal)		EN 12311-1	%	35 / 35	-15 absolute
Resistance to tearing (nail shank)		EN 12310-1	N	130 / 130	-30%
Dimensional stability (longitudinal / transversal)		EN 1107-1 Method A	%	±0.3%	MLV
Flexibility at low temperature		EN 1109	°C	-25	MLV
Flow resistance at elevated temperature		EN 1110	°C	100	MLV
Self-adhesion properties		ASTM D 1000	N/10mm	20	-5

NPD=No performance determined.

MLV=Manufacturer limiting value.

MDV=Manufacturer declared value.

Axter Ltd reserves the right to modify and update this data at any time without prior notice. Only the latest version of this document is valid, available for download at www.axter.co.uk/downloads. Once downloaded, documents are uncontrolled. Users should always confirm they are referring to the latest version prior to use. Further assistance is available from Axter Ltd's Technical Support Team, email: technical@axterltd.co.uk, telephone: 01473 935008.

The intended use of this product should be verified with Axter Ltd prior to adoption to ensure its suitability and compliance with specifications, project requirements, industry regulations, legislation, good practice, installation techniques and all other relevant guidance. Axter Ltd accepts no liability for non-compliant use of this product.