

# Technical Data Sheet

## STICKFLEX PY ANGLE REINFORCEMENT

Capsheets, Top Layers, Self Adhesive

<b>1. Description</b>	Stickflex PY is a self adhesive, polyester reinforced (120g) SBS elastomeric modified bitumen waterproofing membrane. Both surfaces are covered with peel off silicone film.
<b>2. Use</b>	Angle reinforcement for application on upstands, as detail and perimeter detail reinforcement and as pipe and other detail reinforcement. Stickflex PY is suitable for use in Axter Neo-Bitumen® flame free warm roof waterproofing systems.
<b>3. Application method</b>	Installed fully bonded, with fully sealed joints, using self adhesive/hot air techniques to form a continuous layer. Installation: 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. 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. Full adhesion is completed through hot air activation during installation of the self adhesive capsheet.
<b>4. Storage</b>	Rolls to be stored upright and away from heat.
<b>5. Composition</b>	(Indicative).

<b>Reinforcement (g/m<sup>2</sup>)</b>	Non woven polyester reinforced with glass-fibre	120
<b>Binder</b>	SBS elastomer self adhesive	
<b>Surface finish</b>	Protective peel off silicone film	
<b>Under surface finish</b>	Peel off silicone film	

Characteristics		Standard	Units	Values	Tolerance
<b>Dimensions</b>	Length	EN 1848-1	m	10	MLV
	Width		m	0.25	MLV
	Straightness		mm	20mm x 10m	Pass
	Thickness (on finished product)	EN 1849-1	mm	2.7	±0.20
<b>Visible defects</b>	EN 1850-1	-	Without defects		
<b>Watertightness (A)</b>	EN 1928	kPa	60	MLV	
<b>External fire performance</b>	EN 13501-5	Class	F Roof	NPD	
<b>Reaction to fire</b>	EN 13501-1	Class	E	Pass	
<b>Tensile strength (longitudinal / transversal)</b>	EN 12311-1	N/50mm	400 / 300	± 20%	
<b>Elongation at break (longitudinal / transversal)</b>	EN 12311-1	%	35 / 35	-15 absolute	
<b>Resistance to tearing (nail shank)</b>	EN 12310-1	N	130 / 130	-30%	
<b>Dimensional stability (longitudinal / transversal)</b>	EN 1107-1 Method A	%	±0.3%	MLV	
<b>Flexibility at low temperature</b>	EN 1109	°C	-25	MLV	
<b>Flow resistance at elevated temperature</b>	EN 1110	°C	100	MLV	
<b>Self-adhesion properties</b>	ASTM D 1000	N/10mm	20	-5	

NPD=No performance determined.

MLV=Manufacturer limiting value.

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