

Technical Data Sheet

STICKFLEX PY ANGLE REINFORCEMENT

Flame Free

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.
Use	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.
Application method	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 cap sheet.
Storage	Rolls to be stored upright and away from heat.

Composition 

(indicative)

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

Characteristics		Standard	Units	Values	Tolerance
Dimensions	Length	EN 1848-1	m	10	-1%
	Width		m	0.25	-1%
	Straightness		-	20mm x 10m Pass	MLV
	Nominal roll weight		kg	7.5	
	Thickness (on finished product)	EN 1849-1	mm	2.7	± 0.20
Visible defects		EN 1850-1	-	None	
Watertightness (A)		EN 1928	kPa	60	MLV
Reaction to fire		EN 13501-1	Class	PND	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

PND = performance not determined.

MDV = Manufacturer Declared Value; MLV = Manufacturer Limiting Value

The manufacturer reserves the right to modify, at any time, the characteristics of this product.