

Technical Data Sheet

STICKFLEX ADH

Flame free underlayer

Description	Stickflex ADH is a stabilised glass-fibre reinforced SBS elastomeric modified bitumen waterproofing membrane. The membrane has a fleece surface and a silicone film on the under surface.
Use	Underlayer in Force ADH flame free, warm roof, adhered (cold bond), multilayer bitumen membrane roof waterproofing system.
Application method	<p>Fully bonded, with fully sealed joints, by flame free self-adhesive hot air tooling techniques, to form a continuous watertight layer.</p> <p>The Stickflex ADH flame free membrane must be laid loose and positioned prior to removal of the protective silicone release film from the underside of roll.</p> <p>Simultaneously unroll the membrane and remove the protective silicone release film exposing the self-adhesive surface and ensure full adhesion to the membrane/prepared surface below, using hot air activation/flame-free tooling as necessary.</p> <p>A heavy metal roller should be used to remove any air bubbles and ensure full bonding is achieved.</p> <p>Lap joints are secured using flame free self-adhesive hot air tooling and a 2mm bead of bitumen should be visible along the selvedge.</p>
Storage	Rolls to be stored upright and away from heat.

Composition (indicative)

Reinforcement (g/m²) :	Glass-fibre	50
Binder :	SBS elastomer (self adhesive on undersurface)	
Surface finish :	Fleece	
Under surface finish :	Peel-off silicone film	

Characteristics		Standard(BS)	Units	Values	Tolerance	
					Min	Max
Dimensions	Length	EN 1848-1	m	16	-1% MLV	
	Width		m	1	-1% MLV	
	Straightness		-	20mm x 10m	Pass	
Nominal roll weight	kg		41.6			
	Thickness (selvedge)		mm	2.00	±0.2	
Visible defects		EN 1850-1	-	None		
Adhesion of granules		EN 12039	%	30 max	MDV	
Resistance to tearing (nail shank)	Longitudinal	EN 12310-1	N	70	-30%	
	Cross direction			70		
Tensile properties: maximum tensile strength	Longitudinal	EN 12311-1	N/50 mm	300	±20%	
	Cross direction			200		
Tensile properties : elongation at break	Longitudinal	EN 12311-1	%	5	-2 absolute	
	Cross direction			5		
Flexibility at low temperature		EN 1109	°C	-25	MLV	
Flow resistance at elevated temperature	New product	EN 1110	°C	100	MLV	
Dimensional stability	Longitudinal	EN 1107-1 A	%	±0.1	MLV	
	Cross direction					
Self Adhesion Properties		ASTM D 1000	N/10mm	20	-5	
Watertightness (A)		EN 1928	kPa	60	MLV	
Reaction to fire		EN 13501-1	-	PND		

NA=not applicable due to use of product. 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.