

# Technical Data Sheet

## STICKFLEX

Self Adhesive, Underlayer, Air & Vapour Control Layer (AVCL)

<b>1. Description</b>	Stickflex is a self adhesive, glass-fibre reinforced (50gm) SBS elastomeric modified bitumen waterproofing membrane. Both surfaces of the membrane are covered with film.
<b>2. Use</b>	A base or underlayer in Axter Neo-Bitumen® flame free, warm roof, multi-layer waterproofing system. Can also be used as an air and vapour control layer (AVCL) low permeability membrane to control the movement of air, water vapour and heat leakage from within the building. The choice of AVCL will depend on the degree of air and vapour pressure produced, the specified roof deck/slab and the need for a robust temporary waterproofing layer. Stickflex is suitable for use in bitumen and single ply warm roof waterproofing systems.
<b>3. Application method</b>	<p>Fully bonded, with fully sealed joints, using self adhesive/hot air techniques to form a continuous layer.</p> <p>The Stickflex membrane must be loose laid in position prior to removal of silicone release film from the underside of the roll.</p> <p>Simultaneously unroll the membrane and remove the protective silicone release film exposing the Neo-Bitumen® 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> <p>Full adhesion is completed through hot air activation during installation of the self adhesive capsheet.</p>
<b>4. Storage</b>	In unopened original packaging. Store in a cool ventilated area, temperature between +5°C and +40°C
<b>5. Composition</b>	(Indicative).

<b>Binder:</b>	SBS elastomer (self adhesive on undersurface)
<b>Surface finish:</b>	Self-adhesive receivable film
<b>Under surface finish:</b>	Self-adhesve peel-off silicone film

Characteristics		Standard	Units	Values	Tolerance
Dimensions	Length	EN 1848-1	m	0.075 / 0.10 / 0.15 / 0.20 / 0.30 / 0.50 / 1.0 m	
	Width		m	10	
	Nominal roll weight		kg	1.1 / 1.5 / 2.3 / 3 / 5 / 4.5 / 15 kg	
	Thickness (on finished product)	EN 1849-1	mm	1.5	
Tensile properties	Maximum strength L x T	EN 12311-1	N/50mm	185 / 200	
	Maximum elongation L x T			11 - 20%	

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