Technical Data Sheet

STICKFLEX SANDED

1.	**Description**	Stickflex Sanded is a self-adhesive, glass-fibre reinforced SBS elastomeric modified bitumen waterproofing membrane with sanded surface and under surface covered with a peel-off film. The under surface and side lap are self-adhesive.
2.	**Use**	Stickflex Sanded is suitable for use in bitumen and cold applied liquid warm flat roof waterproofing systems as: base or underlayer in a warm roof multi-layer waterproofing system; 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 depends on the degree of air and vapour pressure produced, the specified roof deck / slab and the need for a robust temporary waterproofing layer/ carrier membrane for cold applied liquid waterproofing systems. Stickflex Sanded can therefore be specified in Safe2Torch waterproofing systems as both underlayer across the main field under a torch-applied capsheet and also at perimeters under a liquid membrane.
3.	**Application Method**	Installed fully bonded, with fully sealed joints, using self-adhesive/ hot air techniques to form a continuous layer. The peel-off film must be removed before installing the Stickflex Sanded on to the deck or thermal insulation.
4.	**Storage**	Rolls to be stored upright, under cover, without stacking and away from heat.
5.	**Composition**	(Indicative).

Reinforcement (g/m²)	Glass fibre	55
Binder (g/m²)	SBS elastomer	2,200
Surface finish (g/m²)	Sand	300
Under surface finish (g/m²)	Peel-off silicone film	40

Characteristics		**Standard**	**Units**	**Value**	**Tolerance**	
					Min	**Max**
Dimensions	**Length**	EN 1848-1	m	16	-1%	
	Width		m	1	-1%	
	Nominal roll weight		kg	≈ 43	-	-
	Thickness (on finished product)	EN 1849-1	mm	2	± 0.2	
Tensile properties: maximum tensile force	**Longitudinal**	EN 12311-1	N/50mm	200	-	-
	Cross direction			120	-	-
Tensile properties: elongation	**Longitudinal**	EN 12311-1	%	2	-	-
	Cross direction			2	-	-
Flexibility at low temperature		EN 1109	°C	≤-16	-	
Flow resistance at elevated temperature		EN 1110	°C	≥100	-	
Reaction to fire		EN 13501-1	NPD	-	-	

NPD=No Performance Determined.

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