

Product Data Sheet

E-STEP WALKWAY MEMBRANE

1. Description	E-Step Walkway Membrane is a polyester reinforced, PVC-p based membrane.
2. Use	Part of the Ecoflex PVC waterproofing system, E-Step is used as a walkway on inaccessible flat roofs and to designate access for rooftop maintenance services.
3. Application method	By hot air welding technique.
4. Storage	Rolls to be stored laid horizontally on the pallet.

Characteristics		Standards (BS)	Units	Value	Tolerance	
					Min	Max
Dimensions	Length	EN 1848-2	m	20	0%	1
	Width		m	1	-0.00005	0.01
	Straightness		mm	30	≤	
	Nominal roll weight		kg	48		
	Flatness		mm		≤	
	Surface mass(indicative)		kg/m ²			
	Thickness (selvedge)	EN 1849-2	mm	2	(±5%)	
Visible defects	New product	EN 1850-2	-			
	After ageing to EN 1297		-			
Resistance to tearing	Longitudinal	EN 12310-2	N		≥	
	Cross direction				≥	
Tensile properties: maximum tensile force	Longitudinal	EN 12311-2 Method A	N/50mm	800	≥	
	Cross direction			800	≥	
Tensile properties: elongation	Longitudinal	EN 12311-2 Method A	%	200	≥	
	Cross direction			200	≥	
Peel resistance of joint	Selvedge	EN 12316-12	N/50mm		≥	
	End joint				≥	
Shear resistance of joint	Selvedge	EN 12317-2	N/50mm		≥	
	End joint				≥	
Flexibility at low temperature		EN 495-5	°C	-30	≥	
Resistance to impact		EN 12691 Method A	mm		≥	
		EN 12691 Method B	mm		≥	
Resistance to static loading		EN 12730 (B)	kg		≥	
Dimensional stability		EN 1107-2	%	0.5	≤	

Characteristics	Standards (BS)	Units	Value	Tolerance	
				Min	Max
Water vapour transmission properties	EN 1931	-	-	-	-
			NA		
Watertightness	EN 1928 Method B	-	Pass	<10kPa	
Reaction to fire	EN 13501-1	-	NA		
Resistance to root penetration	EN 13948 Test FLL	-	NA		

NA=Not applicable due to use of product.

NPD=No performance determined.

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

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