

Product Data Sheet

E-STEP WALKWAY MEMBRANE

Accessories

Description	E-Step Walkway Membrane is a polyester reinforced, PVC-p based membrane. It is UV-resistant and green in colour.
Use	Part of the Ecoflex/Ecoline PVC waterproofing system, E-Step is used as a walkway on in accessible flat roofs and to designate access for rooftop maintenance services.
Application method	By hot air welding technique.
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	38.0		
	Flatness		mm	10.0	≤	
	Surface mass(indicative)		kg/m ²	1.90		
	Thickness (selvedge)	EN 1849-2	mm	1.50	-0.07	0.07
Visible defects	New product	EN 1850-2	-	None		
	After ageing to EN 1297		-	None - level 0		
Resistance to tearing	Longitudinal	EN 12310-2	N	200	≥	
	Cross direction			220	≥	
Tensile properties: maximum tensile force	Longitudinal	EN 12311-2 Method A	N/50 mm	1000	≥	
	Cross direction			1000	≥	
Tensile properties: elongation	Longitudinal	EN 12311-2 Method A	%	15	≥	
	Cross direction			20	≥	
Peel resistance of joint	Selvedge	EN 12316-12	N/50mm	260	≥	
	End joint			260	≥	
Shear resistance of joint	Selvedge	EN 12317-2	N/50mm	1000	≥	
	End joint			1000	≥	
Flexibility at low temperature		EN 495-5	°C	-25	≤	
Resistance to impact		EN 12691 Method A	mm	1250	≥	
		EN 12691 Method B	mm	2000	≥	
Resistance to static loading		EN 12730 (B)	kg	20	≥	
Dimensional stability		EN 1107-2	%	0.3	≤	
Water vapour transmission properties		EN 1931	-	μ=20000	18000	24000
				NA		
Watertightness		EN 1928 Method B	-	Pass	<10 kPa	

Characteristics	Standards (BS)	Units	Value	Tolerance	
				Min	Max
Reaction to fire	EN 13501-1	-	PND		
Resistance to root penetration	EN 13948 Test FLL	-	PND		
Dangerous substances consult : http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm	-	-	None		

NA=not applicable due to use of product. PND=performance not determined.
The manufacturer reserves the right to modify, at any time, the characteristics of this product.