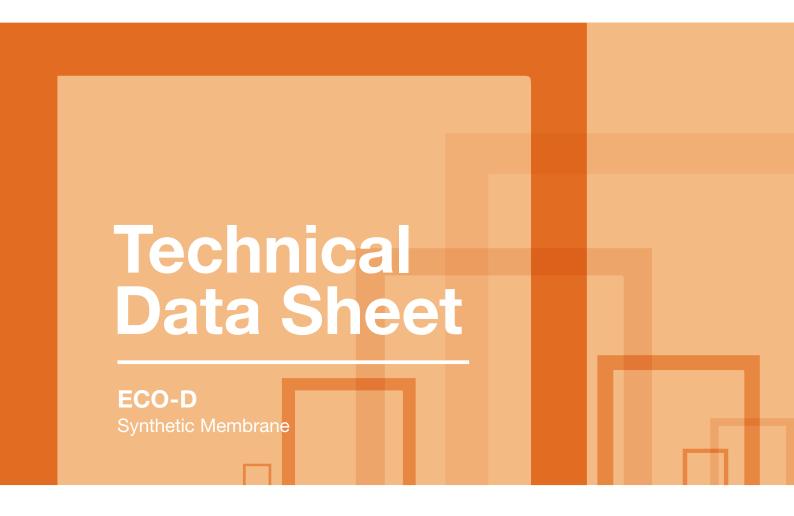


Single Ply Waterproofing



Description	Non-reinforced, flexible PVC-based waterproofing membrane used to form on-site details. Colour: dark grey. Part of the ECOFLEX/ECOLINE PVC-p single-ply waterproofing system product range.		
Use	Used to form details in roof waterproofing projects, (new build or refurbishment). Provides high level of waterproofing even under permanent deformation.		
Properties	Excellent mechanical properties, resistance to wind stress, puncturing, hot/cold cycles, weathering and UV rays and excellent flexibility at low temperatures.		
Application method	Fully bonded using standard welding techniques. Surfaces must be clean, dry and free from sharp obtrusions. Installation of ECOFLEX/ECOLINE PVC-p single ply waterproofing systems must be carried out by accredited Axter skilled operatives.		
Storage	Rolls to be stored horizontally (never crossed) in a dry, cool place.		

Characteristics		Standard (BS)	Units	Values
Dimensions	Length	BS EN 1848-2	m	20
	Width		m	0.32 or 1.00
	Mass per unit area	BS EN 1849-2	kg/m²	1.95 <u>+</u> 5%
	Thickness	BS EN 1849-2	mm	1.5 <u>+</u> 5%
Watertightness		BS EN 1928 (B)	-	Pass
Tensile strength		BS EN 527-3	N/mm	≥ 15
Elongation to break		BS EN 527-3	%	≥ 300
Resistance to impact		BS EN 12691(A)	mm	≥ 800
Static puncture resistance		BS EN 12236	N	≥ 1800
Tear resistance		BS EN 12310-2	N	≥80
Foldability at Low temperature		BS EN 495-5	°C	<u><</u> - 25
Root resistance		BS EN 13948	-	Pass
Artificial ageing by long term exposure to the combination of UV radiation, high temperature and water		BS EN 1297	Visual (1000 h)	No cracking
Water permeability after 6 hrs at 0.5 Mpa		BS EN 1928 (B) BS EN 14150		Watertight <10 ⁻⁶ m ² m ⁻² d ⁻¹
Durability: oxidation, variation in tensile properties, weathering, variation I tensile properties		BS EN 14575 BS EN 12224	%	≤ 25 ≤ 25
Resistance to thermal ageing in water: variation I tensile strength mass loss		BS EN 14415 (A&B)	-	≤ 25 ≤ 5

The manufacturer reserves the right to modify, without prior warning, the characteristics of this product. No responsibility will be taken for incorrect use of this product.