

## DECLARATION OF PERFORMANCE

ECOFLEX / ECOLINE FM PVC-p SINGLE PLY MEMBRANE 1.0 EN

<b>1 Identification Code</b>	ECOFLEX FM / ECOLINE FM
<b>2 Batch number allowing identification of the construction product</b>	Refer to the product label
<b>3 Intended use</b>	PVC membrane for roof waterproofing; EN 13956:2012
<b>4 Manufacturer</b>	Axter Ltd West Road, Ransomes Europark IPSWICH, Suffolk IP3 9SX www.axter.co.uk/dop
<b>5 Authorised representative</b>	Not applicable
<b>6 System of assessment and verification of constancy of performance of the product</b>	System 2+
<b>7 Product covered by the harmonized standard</b>	The ofi CERT (notified body no. 1085) has performed under System 2+ the initial inspection of factory production control, the continuous surveillance, assessment and evaluation of factory production control and issued the certificates of conformity of the factory production control nos. 1085-CPD-0010 and 1085-CPD-0018.
<b>8 European Technical Assessment</b>	Not applicable
<b>9 Declared performance</b>	

Essential characteristics	Test Method	Performance		Harmonised technical specification
		Value	Units	
Resistance to tearing	EN 12310-2	≥200	N	EN 13956:2012
Tensile properties: Tensile strength	EN 12311-2 Method A	≥1100	N/5cm	
Tensile properties: Elongation	EN 12311-2 Method A	≥15	%	
Peel resistance of joint	EN 12316-2	≥200	N/50mm	
Shear resistance of joint	EN 12317-2	>600 Break out joint	N/5cm	
Flexibility at low temperature	EN 495-5	≤ -25°C		
Resistance to impact: 1.2mm thickness 1.5mm thickness 1.8mm thickness 2.0mm thickness 2.4mm thickness	EN 12691 Method A	≥450 ≥800 ≥900 ≥1250 ≥1500	mm	
Watertightness	EN 1928 Method B	Pass		
Resistance to static loading	EN 12730	≥20	kg	
Resistance to root penetration	EN 13948	Resistant		
Reaction to fire	EN ISO 11925-2 EN 13501-1	E		
External fire performance	EN 13501-5	F <sub>ROOF</sub> (Note 1)		
Durability: exposure to UV radiation, elevated temperature & water	EN 1297	Grade 0		
Dangerous substances	conforms			

Note 1 As the resistance to external fire exposure of roof depends on the complete system, no performance can be declared for the product alone.

Note 2 This product does not contain asbestos or tar constituents.

Note 3 In the absence of European harmonized test methods, verification and declaration on release/content has to be done taking into account national provisions in the place of use.

**10** The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:  
Phillip Wilcox-Moore (Managing Director)



Ipswich – July 1, 2013