

## DECLARATION OF PERFORMANCE

No: HALLEY SOLAR FC 3mm 1.0 EN

<b>1 Identification Code</b>	HALLEY SOLAR FC 3mm	
<b>2 Batch number allowing identification of the construction product</b>	Refer to the product label	
<b>3 Intended use</b>	Reinforced bituminous membranes for roof waterproofing – base and intermediate layers EN 13707:2004+A2:2009 Bituminous vapour control layer EN 13970:2007	
<b>4 Manufacturer</b>	Axter Ltd West Road, Ransomes Europark IPSWICH, Suffolk IP3 9SX www.axter.co.uk/dop	
<b>5 Authorised representative</b>	NA	
<b>6 System of assessment and verification of constancy of performance of the product</b>	AVCP 2+ AVCP 3	EN 13707:2004+A2:2009 EN 13970:2007
<b>7 Product covered by the harmonized standard</b>	In accordance with AVCP system 2+ the notified body 0120 SGS United Kingdom Ltd performed the initial inspection, the verification of the control system, the continuous surveillance, the evaluation and certification of the production control and issued the certification of conformity of the Factory Production Control no. GB06/69203. In accordance with AVCP system 3 the notified body 0121 (TUM Technische Universitat Munchen-Centrum Baustoffe und Materialprufung) performed the foreseen initial Type Testing and issued the relevant test report.	
<b>8 European Technical Assessment</b>	NA	
<b>9 Declared performance</b>		

Essential characteristics	Performance	Tolerance	Harmonised technical specification
Elongation at break longitudinal / transversal	40 / 40	-15 absolute	<b>EN 13707:2004+A2:2009</b>
External fire performance	F Roof		
Flexibility at low temperature	-25	MLV	
Flow resistance at elevated temperature	100	MLV	
Reaction to fire	F	Pass	
Resistance to impact	900	MLV	
Resistance to static loading Method A	15	MLV	
Resistance to tearing (nail shank)	150 / 150	-30%	
Shear resistance longitudinal / transversal	650 / 450	± 20%	
Tensile strength longitudinal / transversal	750 / 550	± 20%	
Watertightness (A)	60	MLV	
Dangerous substances	Notes 2 & 3		



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Resistance to impact	900	MLV	
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Tensile strength longitudinal / transversal	750 / 550	± 20%	
Water vapour transmission properties after exposure to artificial ageing	100.000/300	± 50%	
Water vapour transmission properties against chemicals	100.000/300	± 50%	
Watertightness (A)	60	MLV	
Dangerous substances	Notes 2 & 3		

- 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