

DECLARATION OF PERFORMANCE



N°: ALPAL 4000 SOLAR FE NH 001 EN

1. **Identification code** ALPAL 4000 SOLAR FE
2. **Intended use** Reinforced bitumen sheets for roof waterproofing
3. **Manufacturer** AXTER SAS
143, avenue de Verdun
92130 Issy-les-Moulineaux
France
www.axter.eu/dop
4. **Authorised representative** NA
5. **System of assessment and verification of constancy of performance of the product** System 2+
- 6a. **Product covered by the harmonised standard:** EN 13707
The CSTB, notify body n° 0679 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 certificate of conformity of the factory production control n° 0679 - CPR - 0128.
- 6b. **European Technical Assessment :** NA

7. Declared performance

Essential characteristics			Performance			Units	Harmonised technical specifications
			Value	Tolerance			
				Min	Max		
Resistance to tearing (nail shank)	Longitudinal		NA	-	-	N	EN 13707:2014
	Cross direction		NA	-	-		
Tensile properties : maximum tensile force	Longitudinal		600	500	-	N/50 mm	
	Cross direction		600	500	-		
Tensile properties : elongation	Longitudinal		35	25	-	%	
	Cross direction		35	25	-		
Peel resistance of joint	Maximum force	Selvage	NA	-	-	N/50mm	
		End joint	NA	-	-		
	Average force	Selvage	NA	-	-		
		End joint	NA	-	-		
Shear resistance of joint	Maximum force	Selvage	600	500	-	N/50mm	
		End joint	600	500	-		
Flexibility at low temperature			-14	≤		°C	
Durability EN 1296	Flow resistance at elevated temperature		120	110	130	°C	
Durability EN 1297	Visible defects		NA				
Resistance to impact			1750	≤		mm	
Resistance to static loading (method A)			20	≥		kg	
Watertightness under 10 kPa			Conform			-	
Resistance to root penetration			NA			-	
Resistance to external fire exposure			F _{Roof} (Note 1)			-	
Reaction to fire			NA			-	
Dangerous substances			Note 2 and 3			-	

NA: not applicable due to use of product.

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.

The performances of the product identified above are in conformity with the declared performances.

In accordance with Regulation (UE)n°305/2011 , this declaration of performance is issued under the sole responsibility of the manufacturer identified above

Signed for and on behalf of the manufacturer by:
Peter Fleischmann (Managing Director)

Paris
27/11/2019

