

Declaration of Performance

ARMALU

1. Identification code	ARMALU
2. Intended use	Reinforced bitumen sheets for roof waterproofing
3. Manufacturer	AXTER SAS 143, avenue de Verdun, 92130 Issy-les-Moulineaux, France www.axter.co.uk/downloads
4. Authorised representative	N/A
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:	N/A

7. Declared performance

Essential characteristics			Performance				Harmonised technical specification
			Value	Tolerance		Units	
				Min	Max		
Resistance to tearing (nail shank)	Longitudinal		350	250	450	N	EN 13707:2014 EN 13970:2005/ A1:2007
	Cross direction		350	250	450		
Tensile properties: maximum tensile force	Longitudinal		900	600	1200	N/50 mm	
	Cross direction		900	600	1100		
Tensile properties: elongation	Longitudinal		4	3	20	%	
	Cross direction		4	3	20		
Shear resistance of joint	Maximum force	Selvedge	NA	-	-	N/50mm	
		End joint	NA	-	-		
Flexibility at low temperature			-5	≤		°C	
Resistance to impact			NA	≥		mm	
Reaction to fire			E			-	
Dangerous substances			Note 2 and 3			-	
Peel resistance of joint	Maximum force	Selvedge	NA	-	-	N/50mm	
		End joint	NA	-	-		
	Average force	Selvedge	NA	-	-		
		End joint	NA	-	-		
Resistance to static loading (method A)			20	≥		kg	
Durability EN 1296	Flow resistance at elevated temperature		90	-	-	°C	
Durability EN 1297	Visible defects		NA				
Watertightness under 10 kPa			Conform			-	
Resistance to root penetration			NA			-	
Resistance to external fire exposure			FRoof (Note 1)			-	
Watertightness under 2 kPa			Conform			-	
Water vapour transmission properties			1021			m	EN 13970:2005/ A1:2007
Durability EN 1296	Water vapour transmission		1384			m	
Durability EN 1297	Water vapour transmission		PND			m	

NA: not applicable due to use of product. PND: performance not determined

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

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



Paris
10/08/2018