Declaration of Performance

ARMALU

1.	**Identification code**	ARMALU
2.	**Intended use**	Reinforced bitumen sheets for roof waterproofing. Bitumen water vapour control layers.
3.	**Manufacturer**	IKO-AXTER, 6 rue Laferriere, 75009 PARIS, 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+ System 3
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. as well as the certificate of conformity of the factory production control n° 0679 - CPR - 1410. EN 13970 Declaration of the performance of the essential characteristics by the manufacturer
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	-	N	EN 13707:2014 EN 13970:2005/ A1:2007
	Cross direction		350	250	-		
Tensile properties: maximum tensile force	Longitudinal		900	600	-	N/50mm	
	Cross direction		900	600	-		
Tensile properties: elongation	Longitudinal		5	3	-	%	
	Cross direction		5	3	-		
Reaction to fire			NPD			-	
Dangerous substances			Note 2 and 3			-	
Peel resistance of joint	Maximum force	Selvedge	NA	-	-	N/50mm	EN 13707:2014
		End joint	NA	-	-		
	Average force	Selvedge	NA	-	-		
		End joint	NA	-	-		
Shear resistance of joint	Maximum force	Selvedge	NA	-	-		
		End joint	NA	-	-		
Flexibility at low temperature			≥ -10			°C	
Resistance to impact (method A)			NA			mm	
Durability EN 1296	Flow resistance at elevated temperature		100	85	-	°C	
Durability EN 1297	Visible defects		NA				
Resistance to static loading (method A)			NA			kg	
Resistance to root penetration			NA			-	
Resistance to external fire exposure			FRoof (Note 1)			-	
Watertightness under 10 kPa			Conform			-	
Watertightness under 2 kPa			Conform			-	EN 13970:2005/ A1:2007
Water vapour transmission properties			≥1000				
Durability EN 1296	Water vapour transmission		≥1000			m	
Durability EN 1847	Water vapour transmission		NPD			m	

NA: Not applicable due to use of product. NPD: No Performance 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 is in conformity with the declared performances. In accordance with Regulation (EU) No 305/211, this declaration of performance is issued under the sole responsibility of the manufacturer identified.

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

Paris
14/03/2025