

DECLARATION OF PERFORMANCE



N°: IKO RLV ALU PLUS AR/F NH 001 EN

1. **Identification code** IKO RLV ALU PLUS AR/F
2. **Intended use** Reinforced bitumen sheets for roof waterproofing
Bitumen water vapour control layers
3. **Manufacturer** IKO-AXTER
6, rue Laferrière
75009 Paris
France
www.iko.com/dop
4. **Authorised representative** NA
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. The SGS INTRON Certificatie B.V, notify body n° 0958 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° 0958-CPR-2016/3. EN 13970
Declaration of the performance of the essential characteristics by the manufacturer
- 6b. **European Technical Assessment :** NA

7. Declared performance

Essential characteristics			Performance				Harmonised technical specification
			Value	Tolerance		Units	
				Min	Max		
Resistance to tearing (nail shank)	Longitudinal direction	200	150	-	N	EN 13707:2014 EN 13970:2005/A1:2007	
	Cross direction	250	200	-			
Tensile properties : maximum tensile force	Longitudinal direction	550	300	-	N/50mm		
	Cross direction	350	200	-			
Tensile properties : maximum elongation	Longitudinal direction	6	4	-	%		
	Cross direction	6	4	-			
Reaction to fire		NPD			-		
Dangerous substances		Note 2 and 3			-		
Shear resistance of joint	Maximum force	Selvedge	NA	-	-		N/50mm
		End joint	NA	-	-		
Peel resistance of joint	Maximum force	Selvedge	NA	-	-	N/50mm	
		End joint	NA	-	-		
Flexibility at low temperature		≤ -10			°C		
Resistance to static loading (method A)		NA			kg		
Resistance to impact (method A)		NA			mm		
Durability EN 1296	Flow resistance at elevated temperature	100	85	-	°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		≥ 1000			m		
Durability EN 1296	Water vapour transmission	≥ 1000			m		
Durability EN 1847	Water vapour transmission	NPD			m		

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
29/09/2023