

DECLARATION OF PERFORMANCE



N°: IKO DUO SOLAR ALU/F NH 001 EN

1. Identification code: IKO DUO SOLAR ALU/F
2. Intended use: Reinforced bitumen sheets for roof waterproofing
3. Manufacturer: IKO-AXTER
6, rue Laferrière
75009 Paris
France
www.iko.fr/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. 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.
- 6b. European Technical Assessment : NA

7. Declared performance

Essential characteristics			Performance			Harmonised technical specifications	
			Value	Tolerance			Units
				Min	Max		
Resistance to tearing (nail shank)	Longitudinal direction		NA	-	-	N	
	Cross direction		NA	-	-		
Tensile properties : maximum tensile force	Longitudinal direction		750	600	-	N/50mm	
	Cross direction		500	350	-		
Tensile properties : maximum elongation	Longitudinal direction		35	20	-	%	
	Cross direction		35	20	-		
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			EN 13707:2014	
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 impact (method A)			NA				mm
Watertightness under 10 kPa			Conform				-
Resistance to root penetration			NA				-
Resistance to external fire exposure			F _{Roof} (Note 1)				-
Reaction to fire			NPD				-
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
29/09/2023