

N°: IKO DUO GREEN 3000 AR/F NH 001 EN

1. Identification code: IKO DUO GREEN 3000 AR/F
2. Intended use: Reinforced bitumen sheets for roof waterproofing
Reinforced bitumen sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete
Bitumen damp proof sheets including bitumen basement tanking sheets
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+
- 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 14695
The BCCA, notify body n° 0749 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° 0749-CPR-BC2-381-01709-0001-01.
EN 13969
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 - 0129.
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 specification	
			Value	Tolerance			Units
				Min	Max		
Tensile properties : maximum tensile force	Longitudinal direction		700	500	-	EN 13707:2014 EN 14695:2010 EN 13969 : 2005/A1:2007	
	Cross direction		600	500	-		
Tensile properties : maximum elongation	Longitudinal direction		40	25	-		
	Cross direction		40	25	-		
Flexibility at low temperature			≤ -15			°C	
Dangerous substances			Note 2 and 3			-	
Durability EN 1296	Flow resistance at elevated temperature		100	90	-	°C	EN 13707:2014 EN 14695:2010
Resistance to tearing (nail shank)	Longitudinal direction		300	150	-	N	EN 13707:2014 EN 13969 : 2005/A1:2007
	Cross direction		300	150	-		
Shear resistance of joint	Maximum force	Selvedge	NA	-	-	N/50mm	
		End joint	NA	-	-		
Resistance to impact (method A)			≥ 600			mm	
Reaction to fire			NPD			-	
Peel resistance of joint	Maximum force	Selvedge	NA	-	-	N/50mm	EN 13707:2014
		End joint	NA	-	-		
Durability EN 1297	Visible defects		NA				
Resistance to static loading (method A)			≥ 20			kg	
Watertightness under 10 kPa			Conform			-	
Resistance to root penetration			Conform			-	
Resistance to external fire exposure			FRoof (Note 1)			-	
Resistance to static loading (method B)			≥ 5			kg	EN 13969 : 2005/A1:2007
Watertightness under 60 kPa			Conform			-	
Durability EN 1296	Watertightness		Conform			-	
Durability EN 1847	Watertightness		NPD			-	
Water absorption			≤ 2			%	EN 14695:2010
Durability EN 1296	Flexibility at low temperature		≤ 0			°C	
Resistance to dynamic water pressure			Conform			-	
Resistance to compaction of an asphalt layer			Conform			-	
Behaviour of bitumen sheets during application of mastic asphalt			NA			%	
Crack bridging ability			NPD			-	
Performance characteristics with IKOpro Primaire bitume Aderosol GC							
Bond strength			≥ 0,5			N/mm²	
Shear strength			≥ 0,1			N/mm²	
Compatibility by heat conditioning			≥ 100			%	

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
23/10/2023