

Declaration of Performance

HYRENE / HYRANGER 25/25 TS

1. Identification code	HYRENE / HYRANGER 25/25 TS
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. The SGS INTRON Certification 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
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		NA	-	-	N	
	Cross direction		NA	-	-		
Tensile properties: maximum tensile force	Longitudinal		250	155	-	N/50 mm	
	Cross direction		250	120	-		
Tensile properties: elongation	Longitudinal		3	2	-	%	
	Cross direction		3	2	-		
Shear resistance of joint	Maximum force	Selvage	NA	-	-	N/50mm	
		End joint	NA	-	-		
Flexibility at low temperature			-15	≤		°C	
Resistance to impact			400	≥		mm	
Reaction to fire			NPD			-	
Dangerous substances			Note 2 and 3			-	
Peel resistance of joint	Maximum force	Selvage	NA	-	-	N/50mm	
		End joint	NA	-	-		
	Average force	Selvage	NA	-	-		
		End joint	NA	-	-		
Resistance to static loading (method A)			NPD	≥		kg	
Durability EN 1296	Flow resistance at elevated temperature		NA			°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)			-	

EN 13707:2014
EN 13970:2005/
A1:2007

EN 13707:2014

Essential characteristics		Performance			Harmonised technical specification	
		Value	Tolerance			Units
			Min	Max		
Watertightness under 2 kPa		Conform			EN 13970:2005/ A1:2007	
Water vapour transmission properties		≥240		m		
Durability EN 1296	Water vapour transmission	≥240		m		
Durabilité 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 performance of the product identified above is in conformity with the set of declared performance/s. 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 (Chairman)



Paris
14/05/2024