

Declaration of Performance

N°: HYRENE / HYRANGER TS NH 003 EN

1.	Identification code	HYRENE / HYRANGER TS
2.	Intended use	Reinforced bitumen sheets for roof waterproofing Bitumen water vapour control layers
3.	Manufacturer	AXTER SAS 143, avenue de Verdun, 92130 Issy-les-Moulineaux, France www.axter.eu/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. 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		80	50	150	N	EN 13707:2014 EN 13970:2005/ A1:2007
	Cross direction		80	50	150		
Tensile properties: maximum tensile force	Longitudinal		250	200	550	N/50 mm	
	Cross direction		150	120	350		
Tensile properties: elongation	Longitudinal		3	2	4	%	
	Cross direction		3	2	4		
Shear resistance of joint	Maximum force	Selvage	NA	-	-	N/50mm	
		End joint	NA	-	-		
Flexibility at low temperature			-16	≤		°C	
Resistance to impact			500	≥		mm	
Reaction to fire			PND			-	
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)			PND	≥		kg	
Durability EN 1296	Flow resistance at elevated temperature		100	90	110	°C	EN 13707:2014
Durability EN 1297	Visible defects		NA				
Watertightness under 10 kPa			Conform			-	
Resistance to root penetration			NA			-	
Resistance to external fire exposure			FRoof (Note 1)			-	

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		285			m	
Durability EN 1296	Water vapour transmission	290			m	
Durability EN 1847	Water vapour transmission	PND			m	

EN 13970:2005/
A1:2007

NA: not applicable due to use of product. PND: performance not 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 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
10/08/2018