

# Declaration of Performance

HYRENE / HYRANGER 25/25 TS

<b>1. Identification code</b>	HYRENE / HYRANGER 25/25 TS
<b>2. Intended use</b>	Reinforced bitumen sheets for roof waterproofing Bitumen damp proof sheets including bitumen basement tanking sheets Bitumen water vapour control layers
<b>3. Manufacturer</b>	AXTER SAS 143, avenue de Verdun, 92130 Issy-les-Moulineaux, France <a href="http://www.axter.co.uk/downloads">www.axter.co.uk/downloads</a>
<b>4. Authorised representative</b>	N/A
<b>5. System of assessment and verification of constancy of performance of the product</b>	System 2+ System 3

<b>6a. Product covered by the harmonised standard:</b>	<p>EN 13707</p> <p>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 13969</p> <p>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. EN 13970</p> <p>Declaration of the performance of the essential characteristics by the manufacturer</p>
<b>6b. European Technical Assessment:</b>	N/A

## 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 13969:2005/ A1:2007 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	Selvedge	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		-			

Essential characteristics			Performance				Harmonised technical specification
			Value	Tolerance		Units	
				Min	Max		
Peel resistance of joint	Maximum force	Selvage	NA	-	-	N/50mm	EN 13707:2014
		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		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)			-	
Resistance to static loading (method B)			5	≥		kg	
Watertightness under 60 kPa			Conform			-	
Durability EN 1296	Watertightness		Conform			-	EN 13969 : 2005 / A1:2007
Durabilité EN 1847	Watertightness		PND			-	
Watertightness under 2 kPa			Conform			-	
Water vapour transmission properties			285			m	EN 13970:2005/ A1:2007
Durability EN 1296	Water vapour transmission		290			m	
Durabilité EN 1847	Water vapour transmission		PND			m	

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

Signed for and on behalf of the manufacturer by:  
Peter Fleischmann (Chairman)



Paris  
10/08/2018