

# DECLARATION OF PERFORMANCE



N°: BARYPRENE 25 SI NH 003 EN

1. **Identification code** BARYPRENE 25 SI
2. **Intended use** Reinforced bitumen sheets for roof waterproofing  
Reinforced bitumen sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete
3. **Manufacturer** AXTER SAS  
8, avenue Félix d'Hérelle  
75016 PARIS  
France  
www.axter.eu/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. EN 14695  
The ASQPE, notify body n° 1683 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° 1683 - CPR - 0020.
- 6b. **European Technical Assessment :** NA

## 7. Declared performance

Essential characteristics		Performance			Harmonised technical specification
		Value	Tolerance		
			Min	Max	
Tensile properties : maximum tensile force	Longitudinal	450	350	-	N/50 mm
	Cross direction	250	180	-	
Tensile properties : elongation	Longitudinal	3	2	-	%
	Cross direction	3	2	-	
Flexibility at low temperature		-16	≥		°C
Durability EN 1296	Flow resistance at elevated temperature	90	≥		°C
Dangerous substances		Note 2 and 3			-
Resistance to tearing (nail shank)	Longitudinal	NA	-	-	N
	Cross direction	NA	-	-	
Peel resistance of joint	Maximum force	Selvedge	NA	-	N/50mm
		End joint	NA	-	
	Average force	Selvedge	NA	-	
		End joint	NA	-	
Shear resistance of joint	Maximum force	Selvedge	NA	-	N/50mm
		End joint	NA	-	
Durability EN 1297	Visible defects	NA			
Resistance to impact		NA	≥		mm
Resistance to static loading (method A)		NA	≥		kg
Watertightness under 10 kPa		Conform			-
Resistance to root penetration		NA			-
Resistance to external fire exposure		F <sub>Roof</sub> (Note 1)			-
Reaction to fire		NPD			-
Water absorption		2	≤		%
Durability EN 1296	Flexibility at low temperature	Decrease after ageing ≤ 15°C			°C
Resistance to dynamic water pressure		Conform			-
Resistance to compaction of an asphalt layer		NA			-
Behaviour of bitumen sheets during application of mastic asphalt		10	≤		%
Crack bridging ability		NPD			-
Performance characteristics with VERNIS ANTAC GC					
Bond strength		NPD	≥		N/mm <sup>2</sup>
Shear strength		NPD	≥		N/mm <sup>2</sup>
Compatibility by heat conditioning		NPD	≥		%

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  
11/06/2018

