

DECLARATION OF PERFORMANCE



N°: FORCE 4000 FM NH 003 EN

1. Identification code: FORCE 4000 FM
2. Intended use: Reinforced bitumen sheets for roof waterproofing
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.
- 6b. European Technical Assessment : NA

7. Declared performance

Essential characteristics		Performance			Units	Harmonised technical specifications	
		Value	Tolerance				
			Min	Max			
Resistance to tearing (nail shank)	Longitudinal	200	180	250	N	EN 13707:2014	
	Cross direction	250	230	300			
Tensile properties : maximum tensile force	Longitudinal	600	500	900	N/50 mm		
	Cross direction	600	500	750			
Tensile properties : elongation	Longitudinal	35	25	60	%		
	Cross direction	35	25	60			
Peel resistance of joint	Maximum force	Selvage	200	150	280		N/50mm
		End joint					
	Average force	Selvage	160	110	240		
		End joint					
Shear resistance of joint	Maximum force	Selvage	600	500	750		N/50mm
		End joint					
Flexibility at low temperature		-16	≤		°C		
Durability EN 1296	Flow resistance at elevated temperature	100	90	110	°C		
Durability EN 1297	Visible defects	NA					
Resistance to impact		1750	≤		mm		
Resistance to static loading (method A)		20	≥		kg		
Watertightness under 10 kPa		Conform			-		
Resistance to root penetration		NA			-		
Resistance to external fire exposure		F _{Roof} (Note 1)			-		
Reaction to fire		NPD			-		
Dangerous substances		Note 2 and 3			-		

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
06/01/2017

