

# DECLARATION OF PERFORMANCE



N°: FORCE 4000 D NH 003 EN

1. Identification code: FORCE 4000 D
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	270	200	400	N	EN 13707:2014	
	Cross direction	300	200	400			
Tensile properties : maximum tensile force	Longitudinal	980	800	1100	N/50 mm		
	Cross direction	900	800	1000			
Tensile properties : elongation	Longitudinal	50	15	60	%		
	Cross direction	55	15	65			
Peel resistance of joint	Maximum force	Selvedge	200	150	280		N/50mm
		End joint					
	Average force	Selvedge	160	110	240		
		End joint					
Shear resistance of joint	Maximum force	Selvedge	900	800	1000		N/50mm
		End joint					
Flexibility at low temperature		-30	≤		°C		
Durability EN 1296	Flow resistance at elevated temperature	NA	-	-	°C		
Durability EN 1297	Visible defects	NA					
Resistance to impact		2000	≤		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 <sub>Roof</sub> (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

