

DECLARATION OF PERFORMANCE



N°: EXCELFLEX FE NH 004 EN

1. Identification code: EXCELFLEX FE
2. Intended use: Reinforced bitumen sheets for roof waterproofing
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+
- 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			Harmonised technical specifications	
			Value	Tolerance			Units
				Min	Max		
Resistance to tearing (nail shank)	Longitudinal	600	450	750	N		
	Cross direction	600	400	800			
Tensile properties : maximum tensile force	Longitudinal	990	800	1180	N/50 mm		
	Cross direction	890	800	980			
Tensile properties : elongation	Longitudinal	30	15	45	%		
	Cross direction	30	15	45			
Peel resistance of joint	Maximum force	Selvage	150	100	200	N/50mm	
		End joint					
	Average force	Selvage	120	70	170		
		End joint					
Shear resistance of joint	Maximum force	Selvage	890	800	980	N/50mm	
		End joint					990
Flexibility at low temperature		-25	≤		°C	EN 13707:2014	
Durability EN 1296	Flow resistance at elevated temperature	NA	-	-	°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
10/08/2018

