Declaration of Performance

FORCE LINE 3.5

1.	**Identification code**	FORCE LINE 3.5
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**	N/A
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:**	N/A

7. Declared performance

Essential characteristics			Performance				Harmonised technical specification
			Value	Tolerance		Units	
				Min	Max		
Resistance to tearing (nail shank)	Longitudinal		NA	-	-	N	EN 13707:2014
	Cross direction		NA	-	-		
Tensile properties: maximum tensile force	Longitudinal		450	300	500	N/50 mm	
	Cross direction		270	200	300		
Tensile properties: elongation	Longitudinal		30	10	50	%	
	Cross direction		30	10	50		
Shear 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	-	-		
Flexibility at low temperature			-10	≤		°C	
Durability EN 1296	Flow resistance at elevated temperature		100	90	110	°C	
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			FRoof (Note 1)			-	
Reaction to fire			PND			-	
Dangerous substances			Note 2 and 3			-	

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: Paris

Peter Fleischmann (Managing Director) 10/08/2018