

Declaration of Performance

FORCE 4000 TRAFIC

1. Identification code	FORCE 4000 TRAFIC
2. Intended use	Reinforced bitumen sheets for roof waterproofing Reinforced bitumen sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete Bitumen damp proof sheets including bitumen basement tanking sheets
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:	<p>EN 13707</p> <p>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</p> <p>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. EN 13969</p> <p>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 - 0129.</p>
6b. European Technical Assessment:	N/A

7. Declared performance

Essential characteristics		Performance				Harmonised technical specification
		Value	Tolerance		Units	
			Min	Max		
Tensile properties: maximum tensile force	Longitudinal	900	800		N/50 mm	EN 13707:2014 EN 14695:2010 EN 13969 : 2005/ A1:2007
	Cross direction	900	800			
Tensile properties: elongation	Longitudinal	45	35		%	
	Cross direction	50	40			
Flexibility at low temperature		-16	≥		°C	
Dangerous substances		Note 2 and 3			-	
Durability EN 1296	Flow resistance at elevated temperature	90	≥		°C	
Resistance to tearing (nail shank)	Longitudinal	250	200	-	N	
	Cross direction	300	200	-		
Shear resistance of joint	Maximum force	Selvedge	900	800	-	
		End joint	900	800	-	
Resistance to impact		1750	≥		mm	
Reaction to fire		PND			-	

Essential characteristics			Performance				Harmonised technical specification
			Value	Tolerance		Units	
				Min	Max		
Peel resistance of joint	Maximum force	Selvedge	NA	-	-	N/50mm	EN 13707:2014
		End joint	NA	-	-		
	Average force	Selvedge	NA	-	-		
		End joint	NA	-	-		
Durability EN 1297	Visible defects		NA				
Resistance to static loading (method A)			20	≥		kg	
Watertightness under 10 kPa			Conform			-	
Resistance to root penetration			Conform			-	
Resistance to external fire exposure			FRoof (Note 1)			-	
Resistance to static loading (method B)			15	≥		kg	
Watertightness under 60 kPa			Conform			-	
Durability EN 1296	Watertightness		Conform			-	
Durability EN 1847	Watertightness		PND			-	
Water absorption			2	≤		%	EN 14695:2010
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			Conform			-	
Behaviour of bitumen sheets during application of mastic asphalt			NA			%	
Crack bridging ability			PND			-	
Performance characteristics with VERNIS ANTAC GC							
Bond strength			0,5	≥		N/mm ²	
Shear strength			0,1	≥		N/mm ²	
Compatibility by heat conditioning			100	≥		%	

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:
Peter Fleischmann (Managing Director)



Paris
10/08/2018