

Declaration of Performance

FORCE LINE 4 RE

1. Identification code	FORCE LINE 4 RE
2. Intended use	Reinforced bitumen sheets for roof waterproofing.
3. Manufacturer	ILKO-AXTER, 6 rue Laferrière, 75009 PARIS, 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	350	-	N/50mm		
	Cross direction	350	250	-			
Tensile properties: elongation	Longitudinal	30	30	-	%		
	Cross direction	30	40	-			
Peel resistance of joint	Maximum force	Selvedge	NA	-	N/50mm		
		End joint	NA	-			
	Average force	Selvedge	NA	-			N/50mm
		End joint	NA	-			
Shear resistance of joint	Maximum force	Selvedge	350	250	-		
		End joint	450	350			
Flexibility at low temperature		-10	≤		°C		
Durability EN 1296	Flow resistance at elevated temperature	100	90	-	°C		
Durability EN 1297	Visible defects	NA					
Resistance to impact		600	≥		mm		
Resistance to static loading (method A)		10	≥		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. NPD: No Performance 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 performance of the product identified above is in conformity with the set of declared performance/s. In accordance with Regulation (EU) No 305/211, this declaration of performance is issued under the sole responsibility of the manufacturer identified.

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Signed for and on behalf of the manufacturer by:
Peter Fleischmann (Chairman)



Paris
09/02/2024