




<b>Product Name</b>	Elotene DSN SA Vapour Barrier		
<b>Code</b>	ELO185		
<b>Use</b>	Reinforced bitumen sheets for roof waterproofing and basement tanking. Bitumen water vapour control layers		
<b>Manufacturer's name and address</b>	InStar UK Ltd, Holland House, Valley Way, Rockingham Road, Market Harborough, LE16 7PS, UK T: +44 (0)1858 456949, F: +44 (0)1858 410572, www.instar-uk.co.uk		
<b>Harmonized specification</b>	EN 13707:2004 / EN 13969:2004	EN 13970:2004	
<b>Evaluation and Control System of the constancy in building product's performance.</b>	2+	3	
<b>The Notified Body 0987</b>	LAPI spa		

Characteristics	Technical Standard	Performance	RIF.
<b>EN 13707e</b>			
Visible Defects	EN 1848-1999	NA	Test Rep 003
Thickness	EN 1849-1999	0.6 mm	Test Rep 003
Length	EN 1848-1999	... m +1%	Test Rep 003
Width	EN 1848-1999	1.08 m	Test Rep 003
Straightness	EN 1848-1999	≤ 20 mm/10m	Test Rep 003
Reaction to Fire	EN ISO 11925-2:2020	Class E	911.0DC0050/13
External Fire performance	EN 13501-1:2018	F - roof	911.0DC0050/13
Watertightness	EN 1928:2000	Met. A Pass	1389.0UN1450/21
Water Vapor Transmission	EN 1931:2000	μ 4400000 ±30%	1637.0UN1460/12
Tensile properties and elongation at break:	EN 12311-1:1999	Long. ≥800N/50mm, ≥5% Trans. ≥800N/50mm, ≥5%	Test Rep 003
Resistance to Impact	EN 12691:2018	Met. A ≥200 mm; Met. B ≥900 mm	370119
Resistance to Static Load	EN 12730:2015	Met. A ≥10 Kg; Met. B ≥20 Kg	370118
Resistance to Tear (Nail Shank)	EN 12310-1:1999	Long. ≥200 N; Trans. ≥200 N	Test Rep 003
Flexibility at low Temp.	EN 1109:2013	≤-30°C	Test Rep 003
<b>EN 13707</b>			
Peel Resistance of Joints	EN 12316-1:1999	≥ 50 N/50mm	Test Rep 003
Shear Resistance of Joints	EN 12317-1:1999	-Long. ≥400N/50mm -Trans. ≥400N/50mm	Test Rep 003
Flow Resistance at elevated Temp.	EN 1110:2010	≥90°C	Test Rep 003
Flow resistance after artificial aging at elevated Temp.	EN 1296:2000/ EN 1110:2010	≥80°C	Test Rep 003
<b>EN 13970</b>			
Durability of Water Vapour Trans. against ageing	EN 1296:2000/ EN 1931:2000	μ 2840000 ±30%	Ta51215/06e

**N.B.** The performances of the product Elotene DSN are compliant with the performances declared.

REVISED VERSION	SIGNED BY	LOCATION/ POSITION	DATE
V3	D. MILLS 	Market Harborough/ National Sales Manager	22/02/22

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