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## Declaration of performance - Danelaw LR180

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No. 002HDL2017-03-01

1. Unique identification of the product-type:

Danelaw LR180

2. Intended use/es:

Flexible sheets for waterproofing-underlays for discontinuous roofing and underlay wall cladding.

3. Manufacturer:

Hambleside Danelaw Ltd  
Long March  
Daventry  
Northamptonshire  
NN11 4NR

[techelp@hambleside-danelaw.co.uk](mailto:techelp@hambleside-danelaw.co.uk)  
[www.hambleside-danelaw.co.uk](http://www.hambleside-danelaw.co.uk)

4. System/s of AVCP:

System 3

5. Notified testing laboratory:

No. 1486

6. Harmonised standard:

EN 13859-1 and 2:2010

7. Declared performance:

Essential characteristics		Performance		Harmonised technical specification
		Result		
Reaction to fire [class]		E		EN 13859-1:2010 EN 13859-2:2010
Dangerous substances		none		
Flexibility at low temperatures [°C]		-40		
Water vapour transmission properties Sd [m]		0.02		
Resistance to water penetration [class]	Before artificial ageing	W1		
	After artificial ageing	W1		
Tensile strength [N/50mm]		<b>Longitudinal</b>	<b>Transverse</b>	
	Before artificial ageing	470 (+/-40)	260 (+/-50)	
	After artificial ageing	440 (+/-10)	225 (+/-10)	
Elongation [%]		<b>Longitudinal</b>	<b>Transverse</b>	
	Before artificial ageing	75 (+/-20)	90 (+/-20)	
	After artificial ageing	54 (+/-5)	64 (+/-5)	
Resistance to tearing [class]		<b>Longitudinal</b>	<b>Transverse</b>	
		170 (+/-45)	215 (+/-55)	

The performance of the product identified above is in conformity with the set of declared performance/s.  
This declaration performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

John Godley – Technical Manager

01.03.2017

Date of issue



Signature

At place: Hambleside Danelaw Ltd. Daventry NN11 4NR