



Declaration of Performance
Number: S/REFLEXXL/001

1. Unique identification code of the product-type:

Novia Reflex XL – Batch code printed on product

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Underlays for discontinuous roofing according to EN 13859-1:2010 and underlays for walls to EN 13859-2:2010.

3. Name and contact address of the manufacturer:

Novia Ltd
Unit 12 Heronden Road
Park Wood Industrial Estate
Maidstone
Kent
ME15 9YR

4. Name of the authorized representative whose mandate covers the tasks specified in Article 12, Paragraph 2:

N/A

5. System of assessment and verification of constancy of performance of the construction product:

System 3

6. Notified body:

Kiwa GmbH, Notified Body 0799, performed the initial type testing according to EN 13859-1 and EN 13859-2

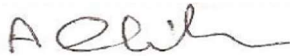
7. Declared Performance:

Essential characteristics	Specified Values	Bottom tolerance	Top tolerance	Unit	Test Standard
Length	100	-0%	+0.5%	m	EN 1848-2
Width	2.7	-0.4%	+1%	m	EN 1848-2
Mass per unit area (weight)	128	-10	+10	g/m ²	EN 1849-2
Tensile strength (MD)	250	-30	+30	N/50mm	EN 12311-1
Tensile strength (CD)	150	-30	+30	N/50mm	EN 12311-1

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Max elongation (MD)	70	-15	+15	%	EN 12311-1
Max elongation (CD)	65	-15	+15	%	EN 12311-1
Nail tear resistance (MD)	112	-15	+15	N	EN 12310-1
Nail tear resistance (CD)	150	-15	+15	N	EN 12310-1
Flexibility at low temperatures	-40	Specified value	-	Celsius	EN 1109
Resistance to water penetration	W1	-	-	Class	EN 1928 Method A
Reaction to Fire	E	-	-	Class	EN 13501-1
Water vapour transmission Sd	0.12	-0.01	+0.06	m	EN 12572
Resistance to air penetration	0.009	-	-	M ³ /(m ² *h*50PA)	EN 12114
Emissivity	0.22			ε	EN 15976
Resistance to water penetration after ageing	W1	-	-	Class	EN 1928 Method A
Tensile strength (MD) after ageing	180	-30	+30	N/50mm	EN 12311-1
Tensile strength (CD) after ageing	113	-20	+20	N/50mm	EN 12311-1
Max elongation (MD) after ageing	65	Specified value	-	%	EN 12311-1
Max elongation (CD) after ageing	65	Specified value	-	%	EN 12311-1
Temperature resistance	-	-40	+100	Celsius	-
Hazardous substances	None	-	-	-	-

8. The performance of the product according to point no.1 corresponds to the declared performances under section 7.



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Adrian Chisholm, Managing Director
Novia Ltd

.....28.06.18.....

Date