



**Declaration of Performance**  
**Number: L/Reflex/001**

**1. Unique identification code of the product-type:**

Novia Reflex

**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 and underlays for walls to EN 13859-2

**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:**

Technicky A Skusobny Ustav Stavebny n.o. Notified Body 1301 performed the initial type test according to EN 13859-1

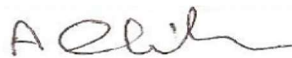
**7. Declared Performance:**

<b>Essential characteristics</b>	<b>Specified Values</b>	<b>Bottom tolerance</b>	<b>Top tolerance</b>	<b>Unit</b>	<b>Test Standard</b>
Length	50	50	51	m	EN1848-2
Width	1500	1493	1523	mm	EN1848-2
Mass per unit area (weight)	131	127.3	144	g/m <sup>2</sup>	EN1849-2
Tensile strength (MD)	270	220	360	N/50mm	EN12311-1
Tensile strength (CD)	225	150	275	N/50mm	EN12311-1
Max elongation at tensile strength (MD)	70	55	100	%	EN12311-1
Max elongation at tensile strength (CD)	90	70	150	%	EN12311-1
Nail tear resistance (MD)	150	120	230	N	EN12310-1

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Nail tear resistance (CD)	220	175	280	N	EN12310-1
Resistance to water penetration	W1			Class	EN1928
Reaction to Fire	E			Class	EN13501-1
Dimensional Stability (MD)	-0.7	-2.0	2.0	%	EN1107-2
Dimensional Stability (CD)	0.5	-2.0	2.0	%	EN1107-2
Tensile strength after ageing (MD)	265	185	315	N/50mm	EN12311-1
Tensile strength after ageing (CD)	205	120	255	N/50mm	EN12311-1
Elongation after ageing (MD)	50	25	110	%	EN12311-1
Elongation after ageing (CD)	57	30	110	%	EN12311-1
Resistance to water penetration after ageing	W1			Class	EN1928
Flexibility at low temperature	-40	-40	-40	Celsius	EN1109
Resistance to air-penetration	0.00	0.00	0.00	M <sup>3</sup> /(m <sup>2</sup> *h*50PA)	EN12114
Water vapour transmission properties sd	0.05	0.02	0.09	m	EN1931/EN ISO12572

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

.....25.6.2018.....  
 Date