



17.07.19

EC DECLARATION of PERFORMANCE (DOP): Elvaflex 170719 V1
RPC 305/2011 And of Annex ZA of EN 13956

1. Unique identification code of the product-type:
Elvaflex RR120&ElvaflexRR150
2. Type, Batch or serial number - See product label
3. Intended use:
Water proofing membrane for Roofing: according to EN 13956
4. Name, registered trade name or registered trade mark and contact address of the Manufacturer:
Haogenplast
Kibbutz Haogen 4288000
Israel
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: Level 2+
7. In case of the declaration of performance concerning a construction product
Covered by an harmonized standard EN 13956
Certificate of factory production control: 0679-CPR-0207
9. Declared Performance:
Elvaflex RR120

Properties	Units	Result	Requirements	Test Method
Thickness	mm	1.2	1.2 \pm 5% average \pm 10% individual value	EN 1849-2
Weight	g/m ²	1520	1500 +10%, -5%	EN 1849-2
Appearance		Pass	Free from blisters ,cracks ,voids	EN 1850-2
Width	cm		MDV +1%	EN 1848-2
Tensile strength	N/50mm MD TD	1300 1280	\geq 1200 \geq 1100	EN 12311-2
Elongation	% MD TD	16 20	\geq 15 \geq 15	EN 12311-2
Tear strength	N			EN 12310-2

	MD TD	240 280	≥ 180 ≥ 180	
Resistance to Impact (PSE)	mm	1000 ≥ 2000	A (Hard Support) ≥ 1000 B (Soft support) ≥ 2000	EN 12691
Resistance to static Loading	Kg	≥ 30	≥ 28	EN 12730
Water Vapor permeability	μ	Conform	15,000	EN 1931
Resistance to water pressure	kPa	Conform	10	EN 1928
Nail Shank	N MD TD	400 500	≥ 300 ≥ 400	EN 12310-1
Interlaminar adhesion	N/50mm	100	≥ 80	EN 12316-2
Shear strength of joints	N/50mm	Pass	Crack other than at the joint or \geq Tensile strength	EN 12317-2
T-peel resistance of joints	N/50 mm	≥ 200	≥ 200	EN 12316-2
Straightness	mm	0	≤ 30	EN 1848-2
Flatness	Mm	0	≤ 10	EN 1848-2
Dimensional stability	%	≤ 0.3	≤ 0.5	EN 1107-2
Cold Bending	$^{\circ}\text{C}$	-35	≤ -30	EN 495-5
Fire reaction		Euro class E		EN 13501-1
Bitumen Compatibility		Δ in mass - 19% Mass loss 0.05% Δ of modulus 11.6%	pass	DIN V 200000-201 EN 1548 EN 12311-2

Elvaflex RR150

Properties	Units	Result	Requirements	Test Method
Thickness	mm	1.5	1.5 $\pm 5\%$ average $\pm 10\%$ individual value	EN 1849-2
Weight	g/m ²	1950	1950 +10%, -5%	EN 1849-2
Appearance		Pass	Free from blisters ,cracks ,voids	EN 1850-2
Width	cm		MDV +1%	EN 1848-2
Tensile strength	N/50mm MD TD	1300 1200	≥ 1200 ≥ 1100	EN 12311-2

Elongation	% MD TD	18 20	≥ 15 ≥ 15	EN 12311-2
Tear strength	N MD TD	240 280	≥ 180 ≥ 180	EN 12310-2
Resistance to Impact (PSE)	mm	1000 ≥ 2000	A (Hard Support) ≥ 1000 B (Soft support) ≥ 2000	EN 12691
Resistance to static Loading	Kg	≥ 30	≥ 28	EN 12730
Water Vapor permeability	μ	Conform	15,000	EN 1931
Resistance to water pressure	kPa	Conform	10	EN 1928
Nail Shank	N MD TD	400 500	≥ 300 ≥ 400	EN 12310-1
Interlaminar adhesion	N/50mm	100	≥ 80	EN 12316-2
Shear strength of joints	N/50mm	Pass	Crack other than at the joint or \geq Tensile strength	EN 12317-2
T-peel resistance of joints	N/50 mm	≥ 200	≥ 200	EN 12316-2
Straightness	mm	0	≤ 30	EN 1848-2
Flatness	Mm	0	≤ 10	EN 1848-2
Dimensional stability	%	≤ 0.3	≤ 0.5	EN 1107-2
Cold Bending	$^{\circ}\text{C}$	-35	≤ -30	EN 495-5
Fire reaction		Euro class E		EN 13501-1
Bitumen Compatibility		Δ in mass - 19% Mass loss 0.05% Δ of modulus 11.6%	pass	DIN V 200000-201 EN 1548 EN 12311-2

The performance of the product identified in point 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4


Signed for and on behalf of the manufacturer by:

Name: Nurit Naveh

Title: R&D Manager V.P.

Kibbutz Haogen Israel

Date: 17.07.19



NURIT NAVEH
R&D MANAGER VP
HADGENPLAST LTD