



17 July 2019

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

1. Unique identification code of the product-type:  
 Ogenflex RR120 & Ogenflex RR150  
 Ogenflex RR180 & Ogenflex RR200
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 :2012  
 Certificate of factory production control: 0679-CPR-0207
  
9. Declared Performance:  
 Ogenflex RR120,

Properties	Units	Result	Requirements	Test Method
Thickness	mm	1.2	1.2 ±5% for average ±10% for individual value	EN 1849-2
Weight	g/m <sup>2</sup>	1520	1520 +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	≥ 1200 ≥ 1100	EN 12311-2
Elongation	% MD TD	16 20	≥ 15 ≥ 15	EN 12311-2
Tear strength	N MD TD	240 280	≥ 180 ≥ 180	EN 12310-2
Resistance to	Kg	≥30	≥28	EN 12730

static Loading				
Resistance to Impact (PSE)	mm	1000 ≥ 2000	A (Hard Support) ≥ 1000 B (Soft support) ≥ 2000	EN 12691
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 ≥ 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	°C	-35	≤ -25	EN 495-5
Fire reaction		Euro class E		EN 13501-1

#### Ogenflex RR150

Properties	Units	Result	Requirements	Test Method
Thickness	mm	1.5	1.5 ±5% for average ±10% for individual value	EN 1849-2
Weight	g/m <sup>2</sup>	1950	1950 +10%, -5%	EN 1849-2
Appearance		Pass	Free from blisters ,cracks ,voids	EN 1850-2
Width	cm		MDV +1%	EN 1848-2
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
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	$\geq 180$ $\geq 180$	EN 12310-2
Water Vapor permeability	$\mu$	Conform	15,000	EN 1931
Resistance to water pressure	kPa	Conform	10	EN 1928
Nail Shank	N MD TD	400 500	$\geq 300$ $\geq 400$	EN 12310-1
Interlaminar adhesion	N/50mm	100	$\geq 80$	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	$\geq 200$	$\geq 200$	EN 12316-2
Straightness	mm	0	$\leq 30$	EN 1848-2
Flatness	Mm	0	$\leq 10$	EN 1848-2
Dimensional stability	%	$\leq 0.3$	$\leq 0.5$	EN 1107-2
Cold Bending	$^{\circ}\text{C}$	-35	$\leq -25$	EN 495-5
Fire reaction		Euro class E		EN 13501-1

### Ogenflex RR180

Properties	Units	Result	Requirements	Test Method
Thickness	mm	1.8	1.8 $\pm 5\%$ for average $\pm 10\%$ for individual value	EN 1849-2
Weight	g/m <sup>2</sup>	2500	2500 +10%, -5%	EN 1849-2
Appearance		Pass	Free from blisters ,cracks ,voids	EN 1850-2
Width	cm		MDV +1%	EN 1848-2
Resistance to Impact (PSE)	mm	1000 $\geq 2000$	A (Hard Support) $\geq 1000$ B (Soft support) $\geq 2000$	EN 12691
Resistance to static Loading	Kg	$\geq 30$	$\geq 25$	EN 12730
Tensile strength	N/50mm MD TD	1300 1200	$\geq 1200$ $\geq 1100$	EN 12311-2
Elongation	% MD TD	18 20	$\geq 15$ $\geq 15$	EN 12311-2
Tear strength	N MD	240	$\geq 180$	EN 12310-2

	TD	280	$\geq 180$	
Water Vapor permeability	$\mu$	Conform	15,000	EN 1931
Resistance to water pressure	kPa	Conform	10	EN 1928
Nail Shank	N MD TD	400 500	$\geq 300$ $\geq 400$	EN 12310-1
Interlaminar adhesion	N/50mm	100	$\geq 80$	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	$\geq 200$	$\geq 200$	EN 12316-2
Straightness	mm	0	$\leq 30$	EN 1848-2
Flatness	Mm	0	$\leq 10$	EN 1848-2
Dimensional stability	%	$\leq 0.3$	$\leq 0.5$	EN 1107-2
Cold Bending	$^{\circ}\text{C}$	-35	$\leq -25$	EN 495-5
Fire reaction		Euro class E		EN 13501-1

### Ogenflex RR200

Properties	Units	Result	Requirements	Test Method
Thickness	mm	2.0	2.0 $\pm 5\%$ for average $\pm 10\%$ for individual value	EN 1849-2
Weight	g/m <sup>2</sup>	2700	2700 +10%, -5%	EN 1849-2
Appearance		Pass	Free from blisters ,cracks ,voids	EN 1850-2
Width	cm	100, 150	MDV +1%	EN 1848-2
Resistance to Impact (PSE)	mm	1000 $\geq 2000$	A (Hard Support) $\geq 1000$ B (Soft support) $\geq 2000$	EN 12691
Resistance to static Loading	Kg	$\geq 30$	$\geq 25$	EN 12730
Tensile strength	N/50mm MD TD	1300 1200	$\geq 1200$ $\geq 1100$	EN 12311-2
Elongation	% MD TD	18 20	$\geq 15$ $\geq 15$	EN 12311-2
Tear strength	N MD TD	240 280	$\geq 180$ $\geq 180$	EN 12310-2
Water Vapor	$\mu$	Conform	15,000	EN 1931

permeability				
Resistance to water pressure	kPa	Conform	10	EN 1928
Nail Shank	N MD TD	400 500	$\geq 300$ $\geq 400$	EN 12310-1
Interlaminar adhesion	N/50mm	100	$\geq 80$	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	$\geq 200$	$\geq 200$	EN 12316-2
Straightness	mm	0	$\leq 30$	EN 1848-2
Flatness	Mm	0	$\leq 10$	EN 1848-2
Dimensional stability	%	$\leq 0.3$	$\leq 0.5$	EN 1107-2
Cold Bending	°C	-35	$\leq -25$	EN 495-5
Fire reaction		Euro class E		EN 13501-1

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: 17.7.19



**NURIT NAVEH**  
**R&D MANAGER VP**  
**HADGENPLAST LTD**