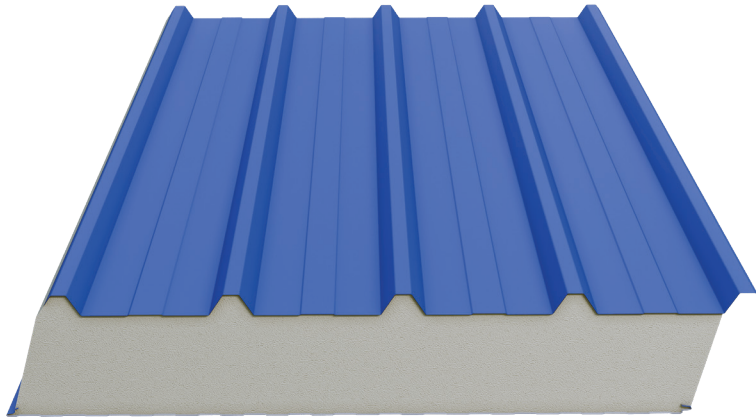


N5-UK Roof and Wall Panel



Product Information

It has 5 ribs which is lateral connected sandwich panel. Its biggest advantage is that it enables fast assembly thanks to lateral connected panel connection. This product enables wide gaps to be passed safely with its indented form. It has a joint detail with angle.

Production Plant

UK

Product Application

- Industrial Buildings
- Military Buildings
- Public Buildings
- Agricultural Buildings
- Sports Facilities
- Construction Site Buildings
- Silos
- Hypermarkets
- Shopping Centers
- Storehouse Halls
- Administrative Buildings

and all other concrete structures with steel or prefabricated load bearing systems.

Performance Advantages

It has the good fire resistance values.

It has a joint detail with angle

Fast and trouble-free installation saves both time and labor.

It has high performance in sound insulation as well as heat insulation.

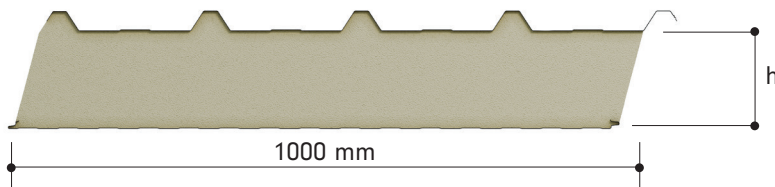
Thanks to its colorful surface, there is no need for additional coatings such as plaster or paint.

There are surface paint (Polyester, PvdF, Plastisol, PVC) options suitable for the place of use.

Color selection can be made from the RAL catalogue.

It does not deteriorate, rot or mold over time.

Measurements



h: 40-50-60-80-100-120-140-160-180-200 mm

Modular Width	1,000 mm
Minimum Length	2 meters
Maximum Length	Depends on transport conditions.

SmartCore – PIR Properties

Density (EN 1602)	PIR: 40 (± 2) kg/m ³ & SmartCore: 41 (± 2) kg/m ³
Thickness	40-50-60-80-100-120-140-160-180-200 mm
Thermal Conductivity (EN 13165)	PIR: 0.022-0.024 & SmartCore: 0.018-0.019 W/mK
Reaction to Fire (13501)	PIR: B-s2,d0 & SmartCore: B-s2,d0

Thermal Conductivity Table for SmartCore Panels

Panel Thickness	U Thermal Conductivity (W/m ² K)	R Thermal Conductivity (m ² K/W)	R Thermal Conductivity (ft ² °F h/Btu)
40 mm	0,40	2,47	14,04
50 mm	0,33	3,03	17,20
60 mm	0,28	3,58	20,35
80 mm	0,21	4,70	26,66
100 mm	0,17	5,81	32,97
120 mm	0,14	6,92	39,28
140 mm	0,12	8,03	45,59
160 mm	0,11	9,14	51,90
180 mm	0,10	10,25	58,21
200 mm	0,09	11,36	64,51

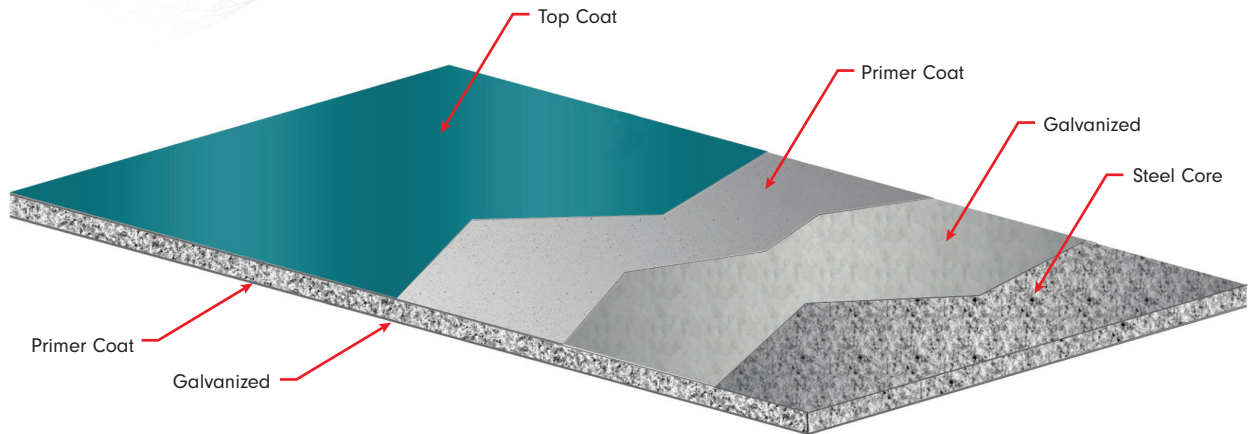
The relevant values were calculated based on a value of 0.018 W/m²K.

Thermal Conductivity Table for PIR Panels

Panel Thickness	U Thermal Conductivity (W/m ² K)	R Thermal Conductivity (m ² K/W)	R Thermal Conductivity (ft ² °F h/Btu)
40 mm	0,49	2,05	11,63
50 mm	0,40	2,50	14,22
60 mm	0,34	2,96	16,80
80 mm	0,26	3,87	21,96
100 mm	0,21	4,78	27,12
120 mm	0,18	5,69	32,28
140 mm	0,15	6,59	37,44
160 mm	0,13	7,50	42,61
180 mm	0,12	8,41	47,77
200 mm	0,11	9,32	52,93

The relevant values were calculated based on a value of 0.022 W/m²K.

Metal Surfaces



Prepainted Galvanized Steel Surface

Metal Type	Prepainted Galvanized Steel
External Facing Thickness	0.50-0.80 mm
Internal Facing Thickness	0.40-0.80 mm
Thickness Tolerance (EN 10143)	Nominal
Steel Quality (EN 10327)	Grade (S220GD+Z, S250GD+Z, S280GD+Z, S320GD+Z, S350GD+Z)
Paint Type	Polyester, PvdF, Plastisol

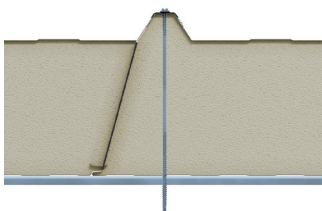
Tolerance Values

Panel Length	Panel Thickness	Panel Cover Width	Rectangularity
If $L \leq 3,000$ mm ± 5 mm If $L > 3,000$ mm ± 10 mm	$D \leq 100$ mm ± 2 mm	± 2 mm for all profiles	$s \leq 0.6\%$ of the nominal cover thickness (w). / (Width x 0.006)

Standard Package

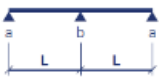
Thickness (mm)	40	50	60	80	100	120	140	160	180	200
Quantity	20	18	14	10	9	8	7	6	5	4

Joint Details



NOVA 5 (PIR) ROOF PANEL LOAD SPAN TABLE

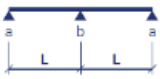
	Core Thickness (mm)	Load Type kN/m ²	Span length (L) (m)															
			1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
			a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)
SINGLE SPAN 	40	Pressure (kN/m ²)	2.75	2.09	1.67	1.38	1.16	1.16	0.87	0.76	0.67	0.51	0.39	0.30	-	-	-	-
		Suction (kN/m ²)	-4.21	-3.31	-2.46	-1.80	-1.39	-1.11	-0.92	-0.77	-0.66	-0.57	-0.50	-0.44	-	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	50	Pressure (kN/m ²)	3.03	2.35	1.92	1.61	1.37	1.19	1.04	0.93	0.82	0.73	0.60	0.47	0.37	0.29	-	-
		Suction (kN/m ²)	-4.87	-3.91	-2.84	-2.10	-1.62	-1.30	-1.06	-0.90	-0.77	-0.67	-0.59	-0.52	-0.47	-0.42	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	60	Pressure (kN/m ²)	3.31	2.62	2.16	1.84	1.59	1.39	1.23	1.09	0.99	0.89	0.80	0.67	0.54	0.44	0.35	0.28
		Suction (kN/m ²)	-5.55	-4.42	-3.22	-2.39	-1.85	-1.49	-1.22	-1.03	-0.89	-0.77	-0.67	-0.60	-0.54	-0.48	-0.44	-0.40
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	80	Pressure (kN/m ²)	3.87	3.15	2.66	2.31	2.03	1.81	1.62	1.45	1.31	1.19	1.08	0.99	0.90	0.79	0.66	0.55
		Suction (kN/m ²)	-6.64	-5.11	-3.99	-2.98	-2.32	-1.87	-1.54	-1.29	-1.11	-0.97	-0.85	-0.75	-0.67	-0.61	-0.55	-0.50
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	100	Pressure (kN/m ²)	4.43	3.68	3.17	2.79	2.48	2.23	2.02	1.83	1.66	1.51	1.38	1.26	1.15	1.05	0.98	0.87
		Suction (kN/m ²)	-7.51	-5.83	-4.76	-3.57	-2.79	-2.25	-1.85	-1.56	-1.33	-1.16	-1.01	-0.91	-0.81	-0.73	-0.66	-0.60
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	120	Pressure (kN/m ²)	4.99	4.21	3.68	3.27	2.94	2.66	2.42	2.21	2.01	1.84	1.68	1.54	1.42	1.30	1.20	1.10
		Suction (kN/m ²)	-8.40	-6.57	-5.40	-4.16	-3.26	-2.63	-2.17	-1.83	-1.56	-1.35	-1.19	-1.05	-0.95	-0.85	-0.77	-0.70
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	150	Pressure (kN/m ²)	5.83	5.02	4.45	4.01	3.64	3.32	3.04	2.78	2.55	2.35	2.16	1.98	1.83	1.68	1.55	1.44
		Suction (kN/m ²)	-9.75	-7.69	-6.35	-5.05	-3.96	-3.20	-2.64	-2.23	-1.90	-1.65	-1.44	-1.28	-1.14	-1.03	-0.94	-0.85
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	170	Pressure (kN/m ²)	6.38	5.56	4.97	4.50	4.11	3.76	3.45	3.17	2.92	2.69	2.47	2.28	2.10	1.94	1.79	1.66
		Suction (kN/m ²)	-10.67	-8.45	-7.00	-5.64	-4.43	-3.58	-2.96	-2.49	-2.13	-1.85	-1.62	-1.43	-1.28	-1.15	-1.04	-0.95
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60

	Core Thickness (mm)	Load Type kN/m ²	Span length (L) (m)															
			1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
			a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)
DOUBLE SPAN 	40	Pressure (kN/m ²)	2.75	2.09	1.67	1.38	1.16	1.16	0.97	0.81	0.69	0.59	-	-	-	-	-	-
		Suction (kN/m ²)	-4.16	-3.06	-2.38	-1.80	-1.39	-1.11	-0.92	-0.77	-0.66	-	-	-	-	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	50	Pressure (kN/m ²)	3.03	2.35	1.92	1.53	1.23	1.02	0.87	0.74	0.64	0.56	-	-	-	-	-	-
		Suction (kN/m ²)	-4.87	-3.91	-2.84	-2.10	-1.62	-1.30	-1.06	-0.90	-0.77	-0.67	-	-	-	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	60	Pressure (kN/m ²)	3.31	2.62	2.04	1.60	1.30	1.08	0.93	0.80	0.69	0.60	-	-	-	-	-	-
		Suction (kN/m ²)	-4.68	-3.51	-2.76	-2.26	-1.85	-1.49	-1.22	-1.03	-0.89	-0.77	-	-	-	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	80	Pressure (kN/m ²)	3.87	2.89	2.20	1.75	1.43	1.20	1.02	0.89	0.78	0.68	0.60	0.54	-	-	-	-
		Suction (kN/m ²)	-5.17	-3.92	-3.12	-2.56	-2.16	-1.86	-1.54	-1.29	-1.11	-0.97	-0.85	-0.75	-	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	100	Pressure (kN/m ²)	4.43	3.07	2.36	1.89	1.56	1.31	1.12	0.98	0.86	0.76	0.67	0.60	0.54	-	-	-
		Suction (kN/m ²)	-5.63	-4.31	-3.45	-2.85	-2.41	-2.08	-1.82	-1.56	-1.33	-1.16	-1.01	-0.91	-0.81	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	120	Pressure (kN/m ²)	4.41	3.24	2.51	2.02	1.67	1.41	1.21	1.05	0.94	0.83	0.74	0.66	0.59	0.54	-	-
		Suction (kN/m ²)	-6.06	-4.68	-3.77	-3.12	-2.65	-2.29	-2.01	-1.79	-1.56	-1.35	-1.19	-1.05	-0.95	-0.85	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	150	Pressure (kN/m ²)	4.69	3.49	2.73	2.21	1.84	1.56	1.34	1.17	1.02	0.93	0.83	0.74	0.67	0.61	0.55	-
		Suction (kN/m ²)	-6.66	-5.19	-4.21	-3.50	-2.99	-2.59	-2.28	-2.03	-1.82	-1.65	-1.44	-1.28	-1.14	-1.03	-0.94	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	170	Pressure (kN/m ²)	4.87	3.64	2.86	2.33	1.94	1.65	1.42	1.24	1.09	0.99	0.88	0.79	0.71	0.65	0.59	0.54
		Suction (kN/m ²)	-7.04	-5.51	-4.48	-3.74	-3.20	-2.77	-2.44	-2.18	-1.96	-1.78	-1.62	-1.43	-1.28	-1.15	-1.04	-0.95
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60

			Core Thickness (mm)		Load Type kN/m²		Span length (L) (m)																
							1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	
TRIPLE SPAN	40	a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
		Pressure (kN/m²)	2.75	2.09	1.67	1.38	1.16	1.16	0.87	0.76	0.67	0.59	0.52	0.46	0.41	0.37	-	-	-	-	-	-	-
		Suction (kN/m²)	-4.21	-3.31	-2.46	-1.80	-1.39	-1.11	-0.92	-0.77	-0.66	-0.57	-0.50	-0.44	-0.40	-0.36	-	-	-	-	-	-	-
	50	b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
		a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
		Pressure (kN/m²)	3.03	2.35	1.92	1.61	1.37	1.19	1.04	0.92	0.80	0.70	0.62	0.55	0.49	0.44	-	-	-	-	-	-	-
	60	Suction (kN/m²)	-4.87	-3.82	-2.84	-2.10	-1.62	-1.30	-1.06	-0.90	-0.77	-0.67	-0.59	-0.52	-0.47	-0.42	-	-	-	-	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
		a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	80	Pressure (kN/m²)	3.31	2.62	2.16	1.84	1.58	1.32	1.12	0.98	0.85	0.75	0.66	0.59	0.53	0.47	0.43	-	-	-	-	-	-
		Suction (kN/m²)	-5.36	-4.02	-3.18	-2.39	-1.85	-1.49	-1.22	-1.03	-0.89	-0.77	-0.67	-0.60	-0.54	-0.48	-0.44	-	-	-	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	100	a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
		Pressure (kN/m²)	3.87	3.15	2.62	2.08	1.70	1.43	1.22	1.05	0.94	0.83	0.74	0.66	0.59	0.54	0.49	0.44	-	-	-	-	-
		Suction (kN/m²)	-5.81	-4.41	-3.52	-2.91	-2.32	-1.87	-1.54	-1.29	-1.11	-0.97	-0.85	-0.75	-0.67	-0.61	-0.55	-0.50	-	-	-	-	-
	120	b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
		a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
		Pressure (kN/m²)	4.43	3.59	2.76	2.21	1.82	1.53	1.31	1.14	1.14	0.90	0.81	0.72	0.65	0.59	0.54	0.49	-	-	-	-	-
	150	Suction (kN/m²)	-6.24	-4.77	-3.83	-3.18	-2.72	-2.25	-1.85	-1.56	-1.33	-1.16	-1.01	-0.91	-0.81	-0.73	-0.66	-0.60	-	-	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
		a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	170	Pressure (kN/m²)	4.99	3.75	2.89	2.33	1.93	1.63	1.40	1.22	1.08	0.97	0.87	0.78	0.71	0.64	0.59	0.54	-	-	-	-	-
		Suction (kN/m²)	-6.64	-5.11	-4.13	-3.44	-2.94	-2.57	-2.17	-1.83	-1.56	-1.35	-1.19	-1.05	-0.95	-0.85	-0.77	-0.70	-	-	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
190	a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
	Pressure (kN/m²)	5.39	3.97	3.09	2.50	2.08	1.77	1.53	1.34	1.18	1.05	0.96	0.87	0.79	0.72	0.65	0.60	-	-	-	-	-	
	Suction (kN/m²)	-7.21	-5.60	-4.54	-3.81	-3.26	-2.85	-2.53	-2.23	-1.90	-1.65	-1.44	-1.28	-1.14	-1.03	-0.94	-0.85	-	-	-	-	-	
210	b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
	Pressure (kN/m²)	5.56	4.11	3.21	2.61	2.18	1.85	1.60	1.41	1.24	1.11	1.11	0.92	0.83	0.76	0.69	0.64	-	-	-	-	-	
230	Suction (kN/m²)	-7.58	-5.90	-4.80	-4.03	-3.47	-3.03	-2.69	-2.42	-2.13	-1.85	-1.62	-1.43	-1.28	-1.15	-1.04	-0.95	-	-	-	-	-	
	b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	

NOVA 5 (PIR) WALL PANEL LOAD SPAN TABLE

	Core Thickness (mm)	Load Type kN/m ²	Span length (L) (m)															
			1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
			a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)
SINGLE SPAN 	40	Pressure (kN/m ²)	3.22	2.39	1.90	1.57	1.34	1.17	1.03	0.94	0.85	0.78	0.72	0.66	0.59	0.53	-	-
		Suction (kN/m ²)	-4.15	-3.25	-2.43	-1.77	-1.35	-1.07	-0.88	-0.73	-0.61	-0.52	-0.45	-0.39	-0.35	-0.31	-	-
		b (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	50	Pressure (kN/m ²)	3.80	2.86	2.28	1.90	1.63	1.42	1.26	1.14	1.03	0.96	0.88	0.82	0.75	0.68	0.61	-
		Suction (kN/m ²)	-4.81	-3.84	-2.81	-2.06	-1.58	-1.25	-1.02	-0.86	-0.72	-0.62	-0.53	-0.47	-0.41	-0.37	-0.33	-
		b (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	60	Pressure (kN/m ²)	4.36	3.30	2.66	2.22	1.91	1.67	1.49	1.34	1.22	1.12	1.03	0.97	0.91	0.83	0.75	0.68
		Suction (kN/m ²)	-5.48	-4.40	-3.19	-2.35	-1.81	-1.44	-1.17	-0.99	-0.83	-0.71	-0.62	-0.54	-0.48	-0.42	-0.38	-0.34
		b (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	80	Pressure (kN/m ²)	5.42	4.17	3.38	2.84	2.45	2.16	1.92	1.74	1.58	1.45	1.34	1.25	1.17	1.10	1.03	0.95
		Suction (kN/m ²)	-6.62	-5.08	-3.95	-2.94	-2.27	-1.81	-1.48	-1.24	-1.05	-0.91	-0.79	-0.69	-0.61	-0.54	-0.48	0.00
		b (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	100	Pressure (kN/m ²)	6.44	5.00	4.08	3.45	2.99	2.63	2.35	2.13	1.94	1.79	1.65	1.54	1.44	1.35	1.27	1.20
		Suction (kN/m ²)	-7.48	-5.80	-4.71	-3.52	-2.74	-2.19	-1.79	-1.50	-1.27	-1.09	-0.95	-0.84	-0.74	-0.66	-0.59	-0.53
		b (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	120	Pressure (kN/m ²)	7.44	5.82	4.77	4.05	3.51	3.10	2.78	2.51	2.30	2.11	1.96	1.82	1.71	1.60	1.51	1.43
		Suction (kN/m ²)	-8.37	-6.54	-5.36	-4.11	-3.20	-2.56	-2.10	-1.76	-1.49	-1.28	-1.11	-0.98	-0.87	-0.77	-0.69	-0.62
		b (mm)	45	42	41	40	40	40	40	40	40	40	40	40	40	40	40	40
	150	Pressure (kN/m ²)	8.91	7.02	5.79	4.93	4.29	3.80	3.41	3.09	2.82	2.60	2.41	2.25	2.10	1.98	1.87	1.77
		Suction (kN/m ²)	-9.72	-7.66	-6.31	-4.98	-3.89	-3.13	-2.57	-2.15	-1.82	-1.57	-1.36	-1.19	-1.05	-0.95	-0.85	-0.77
		b (mm)	50	47	45	44	43	43	42	42	41	41	41	41	40	40	40	40
	170	Pressure (kN/m ²)	9.88	7.82	6.47	5.51	4.81	4.26	3.82	3.47	3.17	2.92	2.71	2.53	2.37	2.23	2.10	1.99
		Suction (kN/m ²)	-10.63	-8.41	-6.95	-5.57	-4.36	-3.50	-2.88	-2.41	-2.04	-1.76	-1.53	-1.34	-1.18	-1.05	-0.96	-0.86
		b (mm)	50	47	45	44	43	43	42	42	41	41	41	41	40	40	40	40

	Core Thickness (mm)	Load Type kN/m ²	Span length (L) (m)															
			1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00
			a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)	a (mm)
DOUBLE SPAN 	40	Pressure (kN/m ²)	3.22	2.39	1.90	1.57	1.34	1.09	0.70	0.41	0.23	-	-	-	-	-	-	-
		Suction (kN/m ²)	-3.55	-2.53	-1.91	-1.50	-1.22	-1.02	-0.88	-0.73	-0.61	-	-	-	-	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	50	Pressure (kN/m ²)	3.80	2.86	2.28	1.90	1.63	1.42	0.98	0.58	0.34	0.20	-	-	-	-	-	-
		Suction (kN/m ²)	-3.80	-2.73	-2.08	-1.65	-1.34	-1.13	-0.98	-0.85	-0.72	-0.62	-	-	-	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	60	Pressure (kN/m ²)	4.36	3.30	2.66	2.22	1.88	1.59	1.20	0.80	0.48	0.29	0.16	-	-	-	-	-
		Suction (kN/m ²)	-4.04	-2.93	-2.24	-1.78	-1.46	-1.23	-1.05	-0.93	-0.82	-0.71	-0.62	-	-	-	-	-
		b (mm)	66	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	80	Pressure (kN/m ²)	5.41	4.05	3.18	2.58	2.15	1.83	1.58	1.24	0.86	0.54	0.34	0.20	-	-	-	-
		Suction (kN/m ²)	-4.51	-3.31	-2.56	-2.05	-1.69	-1.42	-1.22	-1.06	-0.96	-0.86	-0.77	-0.69	-	-	-	-
		b (mm)	81	70	63	60	60	60	60	60	60	60	60	60	60	60	60	60
	100	Pressure (kN/m ²)	5.90	4.47	3.53	2.89	2.41	2.06	1.78	1.57	1.23	0.88	0.58	0.37	0.23	-	-	-
		Suction (kN/m ²)	-4.95	-3.68	-2.86	-2.30	-1.90	-1.61	-1.38	-1.21	-1.07	-0.97	-0.88	-0.80	-0.73	-	-	-
		b (mm)	88	78	70	64	60	60	60	60	60	60	60	60	60	60	60	60
	120	Pressure (kN/m ²)	6.36	4.86	3.87	3.17	2.66	2.28	1.98	1.74	1.54	1.20	0.88	0.60	0.40	0.26	-	-
		Suction (kN/m ²)	-5.36	-4.02	-3.15	-2.55	-2.11	-1.79	-1.54	-1.34	-1.19	-1.06	-0.98	-0.89	-0.81	-0.75	-	-
		b (mm)	97	87	79	72	67	62	60	60	60	60	60	60	60	60	60	60
	150	Pressure (kN/m ²)	7.01	5.40	4.33	3.57	3.01	2.58	2.24	1.98	1.76	1.58	1.35	1.15	0.71	0.49	0.34	0.22
		Suction (kN/m ²)	-5.95	-4.51	-3.56	-2.89	-2.41	-2.04	-1.76	-1.54	-1.36	-1.22	-1.10	-1.00	-0.93	-0.86	-0.79	-0.74
		b (mm)	109	99	91	84	79	74	69	66	63	61	60	60	60	60	60	60
	170	Pressure (kN/m ²)	7.42	5.75	4.62	3.82	3.23	2.77	2.42	2.13	1.90	1.71	1.55	1.25	0.97	0.69	0.48	0.34
		Suction (kN/m ²)	-6.31	-4.81	-3.81	-3.11	-2.59	-2.20	-1.90	-1.66	-1.47	-1.32	-1.19	-1.08	-0.93	-0.86	-0.80	-0.74
		b (mm)	117	107	99	92	86	81	77	73	70	67	64	60	60	60	60	60

			Span length (L) (m)																				
			Core Thickness (mm)		Load Type kN/m ²		1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	
TRIPLE SPAN	40	a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
		Pressure (kN/m ²)	3.22	2.39	1.90	1.57	1.34	1.17	0.98	0.70	0.51	0.39	0.30	0.24	-	-	-	-	-	-	-	-	-
		Suction (kN/m ²)	-4.15	-3.11	-2.39	-1.77	-1.35	-1.07	-0.88	-0.73	-0.61	-0.52	-0.45	-0.39	-	-	-	-	-	-	-	-	-
	50	b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
		a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
		Pressure (kN/m ²)	3.80	2.86	2.28	1.90	1.63	1.42	1.07	0.85	0.62	0.47	0.36	0.28	0.23	0.19	-	-	-	-	-	-	-
	60	Suction (kN/m ²)	-4.51	-3.29	-2.55	-2.06	-1.58	-1.25	-1.02	-0.86	-0.72	-0.62	-0.53	-0.47	-0.41	-0.37	-	-	-	-	-	-	-
		b (mm)	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
		a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	80	Pressure (kN/m ²)	4.36	3.30	2.66	2.22	1.91	1.67	1.32	1.32	0.75	0.56	0.43	0.34	0.27	0.22	-	-	-	-	-	-	-
		Suction (kN/m ²)	-4.73	-3.48	-2.70	-2.19	-1.81	-1.44	-1.17	-0.99	-0.83	-0.71	-0.62	-0.54	-0.48	-0.42	-	-	-	-	-	-	-
		b (mm)	66	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
	100	a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
		Pressure (kN/m ²)	5.42	4.16	3.38	2.84	2.45	2.16	1.88	1.32	1.32	0.78	0.60	0.47	0.37	0.30	0.24	0.20	-	-	-	-	-
		Suction (kN/m ²)	-5.15	-3.82	-3.00	-2.45	-2.05	-1.76	-1.48	-1.24	-1.05	-0.91	-0.79	-0.69	-0.61	-0.54	-0.48	-0.43	-	-	-	-	-
	120	b (mm)	81	73	68	64	62	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
		a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
		Pressure (kN/m ²)	6.44	4.98	3.96	3.27	2.78	2.38	2.09	1.81	1.28	1.28	0.80	0.62	0.49	0.40	0.32	0.27	-	-	-	-	-
	150	Suction (kN/m ²)	-5.55	-4.16	-3.28	-2.69	-2.26	-1.95	-1.70	-1.50	-1.27	-1.09	-0.95	-0.84	-0.74	-0.66	-0.59	-0.53	-	-	-	-	-
		b (mm)	98	90	81	75	70	66	63	60	60	60	60	60	60	60	60	60	60	60	60	60	60
		a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	170	Pressure (kN/m ²)	7.00	5.34	4.27	3.53	3.00	2.59	2.28	2.02	1.70	1.24	1.24	0.80	0.63	0.51	0.41	0.34	-	-	-	-	-
		Suction (kN/m ²)	-5.94	-4.47	-3.55	-2.91	-2.46	-2.12	-1.86	-1.65	-1.48	-1.28	-1.11	-0.98	-0.87	-0.77	-0.69	-0.62	-	-	-	-	-
		b (mm)	109	98	90	83	78	74	71	68	60	60	60	60	60	60	60	60	60	60	60	60	60
190	a (mm)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
	Pressure (kN/m ²)	7.62	5.85	4.71	3.91	3.33	2.89	2.54	2.26	2.04	1.77	1.32	1.32	0.88	0.71	0.57	0.47	-	-	-	-	-	
	Suction (kN/m ²)	-6.49	-4.93	-3.92	-3.24	-2.74	-2.36	-2.07	-1.84	-1.66	-1.50	-1.36	-1.19	-1.05	-0.95	-0.85	-0.77	-	-	-	-	-	
210	b (mm)	121	110	101	95	90	86	82	79	77	70	60	60	60	60	60	60	60	60	60	60	60	
	a (mm)	43	41	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	
	Pressure (kN/m ²)	8.00	6.18	4.99	4.15	3.54	3.07	2.71	2.41	2.17	1.97	1.63	1.24	1.24	0.86	0.70	0.57	-	-	-	-	-	
230	Suction (kN/m ²)	-6.83	-5.21	-4.16	-3.44	-2.91	-2.52	-2.21	-1.97	-1.77	-1.60	-1.46	-1.34	-1.18	-1.05	-0.96	-0.86	-	-	-	-	-	
	b (mm)	128	117	108	102	97	93	89	86	83	81	69	60	60	60	60	60	60	60	60	60	60	