

# THE NUMBER OF FULL PACKS OF PIR PREMIER WALL INSULATED PANELS FOR TRUCK LOAD

## PANEL WIDTH – 1185 MM

## TRUCK FLOOR SPACE – 13.6 X 2.45 X 2.6 M



### LENGTH OF PANELS 3 M

Thickness of panels, mm	Panels per pack, A/B	Height of pack, mm	Packs per truck	Panels per truck	Panels in truck, sq. m	Weight of panels, kg
40	28 / 28	1200 / 1200	16	448	1593	15789,0
50	22 / 23	1180 / 1230	16	360	1280	13199,5
60	18 / 19	1160 / 1220	16	296	1052	11273,8
80	14 / 15	1200 / 1280	16	232	825	9496,1
100	11 / 12	1180 / 1280	16	184	654	8054,6
120	9 / 10	1160 / 1280	16	152	540	7086,1
140	8 / 8	1200 / 1200	16	128	455	6331,3
150	7 / 8	1130 / 1280	16	120	427	6106,2
160	7 / 7	1200 / 1200	16	112	398	5858,4
180	6 / 6	1160 / 1160	16	96	341	5294,5
200	5 / 6	1080 / 1280	16	88	313	5103,6

### LENGTH OF PANELS 4 M

Thickness of panels, mm	Panels per pack, A/B	Height of pack, mm	Packs per truck	Panels per truck	Panels in truck, sq. m	Weight of panels, kg
40	28 / 28	1200 / 1200	12	336	1593	15789,0
50	22 / 23	1180 / 1230	12	270	1280	13199,5
60	18 / 19	1160 / 1220	12	222	1052	11273,8
80	14 / 15	1200 / 1280	12	174	825	9496,1
100	11 / 12	1180 / 1280	12	138	654	8054,6
120	9 / 10	1160 / 1280	12	114	540	7086,1
140	8 / 8	1200 / 1200	12	96	455	6331,3
150	7 / 8	1130 / 1280	12	90	427	6106,2
160	7 / 7	1200 / 1200	12	84	398	5858,4
180	6 / 6	1160 / 1160	12	72	341	5294,5
200	5 / 6	1080 / 1280	12	66	313	5103,6

### LENGTH OF PANELS 6 M

Thickness of panels, mm	Panels per pack, A/B	Height of pack, mm	Packs per truck	Panels per truck	Panels in truck, sq. m	Weight of panels, kg
40	18 / 18	800 / 800	12	216	1536	15225,1
50	22 / 23	1180 / 1230	8	180	1280	13199,5
60	18 / 19	1160 / 1220	8	148	1052	11273,8
80	14 / 15	1200 / 1280	8	116	825	9496,1
100	11 / 12	1180 / 1280	8	92	654	8054,6
120	9 / 10	1160 / 1280	8	76	540	7086,1
140	8 / 8	1200 / 1200	8	64	455	6331,3
150	7 / 8	1130 / 1280	8	60	427	6106,2
160	7 / 7	1200 / 1200	8	56	398	5858,4
180	6 / 6	1160 / 1160	8	48	341	5294,5
200	5 / 6	1080 / 1280	8	44	313	5103,6

### LENGTH OF PANELS 8 M

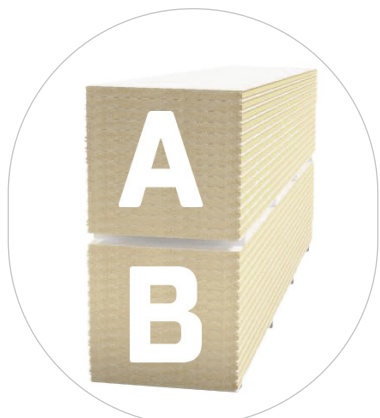
Thickness of panels, mm	Panels per pack, A/B	Height of pack, mm	Packs per truck	Panels per truck	Panels in truck, sq. m	Weight of panels, kg
40	18 / 18	800 / 800	6	108	1024	10150,1
50	22 / 23	1180 / 1230	4	90	853	8799,7
60	18 / 19	1160 / 1220	4	74	702	7515,9
80	14 / 15	1200 / 1280	4	58	550	6330,7
100	11 / 12	1180 / 1280	4	46	436	5369,8
120	9 / 10	1160 / 1280	4	38	360	4724,1
140	8 / 8	1200 / 1200	4	32	303	4220,9
150	7 / 8	1130 / 1280	4	30	284	4070,8
160	7 / 7	1200 / 1200	4	28	265	3905,6
180	6 / 6	1160 / 1160	4	24	228	3529,7
200	5 / 6	1080 / 1280	4	22	209	3402,4

### LENGTH OF PANELS 10 M

Thickness of panels, mm	Panels per pack, A/B	Height of pack, mm	Packs per truck	Panels per truck	Panels in truck, sq. m	Weight of panels, kg
40	18 / 18	800 / 800	6	108	1280	12687,6
50	22 / 23	1180 / 1230	4	90	1067	10999,6
60	18 / 19	1160 / 1220	4	74	877	9394,9
80	14 / 15	1200 / 1280	4	58	687	7913,4
100	11 / 12	1180 / 1280	4	46	545	6712,2
120	9 / 10	1160 / 1280	4	38	450	5905,1
140	8 / 8	1200 / 1200	4	32	379	5276,1
150	7 / 8	1130 / 1280	4	30	356	5088,5
160	7 / 7	1200 / 1200	4	28	332	4882,0
180	6 / 6	1160 / 1160	4	24	284	4412,1
200	5 / 6	1080 / 1280	4	22	261	4253,0

### LENGTH OF PANELS 12 M

Thickness of panels, mm	Panels per pack, A/B	Height of pack, mm	Packs per truck	Panels per truck	Panels in truck, sq. m	Weight of panels, kg
40	18 / 18	800 / 800	6** / 5***	108	1536	15225,1
50	22 / 23	1180 / 1230	4** / 3***	90	1280	13199,5
60	18 / 19	1160 / 1220	4** / 3***	74	1052	11273,8
80	14 / 15	1200 / 1280	4** / 3***	58	825	9496,1
100	11 / 12	1180 / 1280	4** / 3***	46	654	8054,6
120	9 / 10	1160 / 1280	4** / 3***	38	540	7086,1
140	8 / 8	1200 / 1200	4** / 3***	32	455	6331,3
150	7 / 8	1130 / 1280	4** / 3***	30	427	6106,2
160	7 / 7	1200 / 1200	4** / 3***	28	398	5858,4
180	6 / 6	1160 / 1160	4** / 3***	24	341	5294,5
200	5 / 6	1080 / 1280	4** / 3***	22	313	5103,6



For calculation of packs per truck use formula  $N/((A+B)/2)$ , where N – quantity of panels, A – quantity of panels in upper pack, B – quantity of panels in lower pack.

Example: how to calculate quantity of packs for 150 wall panels with PIR Premier, length of panels – 12 m, thickness of panels – 200 mm.

According to the table, N=150, A=5 pcs, B=6 pcs, so the equation will look like  $150/((5+6)/2) = 27,27$  packs. The result of the equation should be increased to the nearest whole number, so you will need 28 packs.

\*\* for trucks with open platform  
\*\*\* for trucks with closed platform