

Type DPS, DPL and DPX thermal insulation boards

Thermal insulation board type DPS

Cover panel	Cement-bonded chipboard, 10 mm
Thermal insulation	Expanded rigid polystyrene foam (EPS), 15 kg/m ³ , 40–190 mm
Bonding	Water-resistant D3 (EN 204-D3)
Surface	Cement-bonded chipboard, untreated (can be coated with dispersion paint)
Edge milling	Dovetail grooves in the surface of the thermal insulation for anchoring in the concrete Circumferential groove and tongue joint in the thermal insulation Rabbit in the cement-bonded chipboard Shadow joint, 3 mm Bevelled edge, 1 mm
Format	1235 × 585 mm (0.722 m ²)

Element thickness	mm	50	60	70	80	90	100	110	120
Thickness cover panel	mm	10	10	10	10	10	10	10	10
Thickness thermal insulation	mm	40	50	60	70	80	90	100	110
U-value	W/m ² K	0.790	0.654	0.558	0.487	0.431	0.387	0.351	0.322
Weight	kg/pc.	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.9
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film								
Number of boards per pallet	Pcs.	72	60	52	46	40	36	34	30
m ² per pallet	m ²	51.4	42.8	37.1	32.8	28.5	25.7	24.3	21.4

Element thickness	mm	130	140	150	160	170	180	190	200
Thickness cover panel	mm	10	10	10	10	10	10	10	10
Thickness thermal insulation	mm	120	130	140	150	160	170	180	190
U-value	W/m ² K	0.297	0.275	0.257	0.240	0.226	0.213	0.202	0.192
Weight	kg/pc.	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film								
Number of boards per pallet	Pcs.	28	26	24	22	22	20	20	18
m ² per pallet	m ²	20.0	18.5	17.1	15.7	15.7	14.3	14.3	12.8

Thermal insulation board type DPL

Cover panel	Cement-bonded chipboard, 10 mm
Thermal insulation	Expanded rigid polystyrene foam with graphite additive (EPS lambda), 20 kg/m ³ , 40–190 mm
Bonding	Water-resistant D3 (EN 204-D3)
Surface	Cement-bonded chipboard, untreated (can be coated with dispersion paint)
Edge milling	Dovetail grooves in the surface of the thermal insulation for anchoring in the concrete Circumferential groove and tongue joint in the thermal insulation Rabbit in the cement-bonded chipboard Shadow joint, 3 mm Bevelled edge, 1 mm
Format	1235 × 585 mm (0.722 m ²)

Element thickness	mm	50	60	70	80	90	100	110	120
Thickness cover panel	mm	10	10	10	10	10	10	10	10
Thickness thermal insulation	mm	40	50	60	70	80	90	100	110
U-value	W/m ² K	0.647	0.532	0.452	0.393	0.347	0.311	0.282	0.258
Weight	kg/pc.	9.2	9.4	9.5	9.7	9.8	10.0	10.1	10.3
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film								
Number of boards per pallet	Pcs.	72	60	52	46	40	36	34	30
m ² per pallet	m ²	51.4	42.8	37.1	32.8	28.5	25.7	24.3	21.4

Element thickness	mm	130	140	150	160	170	180	190	200
Thickness cover panel	mm	10	10	10	10	10	10	10	10
Thickness thermal insulation	mm	120	130	140	150	160	170	180	190
U-value	W/m ² K	0.237	0.220	0.205	0.192	0.180	0.170	0.161	0.153
Weight	kg/pc.	10.4	10.5	10.7	10.8	11.0	11.1	11.3	11.4
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film								
Number of boards per pallet	Pcs.	28	26	24	22	22	20	20	18
m ² per pallet	m ²	20.0	18.5	17.1	15.7	15.7	14.3	14.3	12.8

Thermal insulation board type DPX

Cover panel	Cement-bonded chipboard, 10 mm
Thermal insulation	Extruded rigid polystyrene foam (XPS), 33 kg/m ³ , 40–180 mm
Bonding	Water-resistant D3 (EN 204-D3)
Surface	Cement-bonded chipboard, untreated (can be coated with dispersion paint)
Edge milling	Dovetail grooves in the surface of the thermal insulation for anchoring in the concrete Circumferential groove and tongue joint in the thermal insulation Rabbit in the cement-bonded chipboard Shadow joint, 3 mm Bevelled edge, 1 mm
Format	1235 × 585 mm (0.722 m ²)

Element thickness	mm	50	60	70	90	110	130	150	170	190
Thickness cover panel	mm	10	10	10	10	10	10	10	10	10
Thickness thermal insulation	mm	40	50	60	80	100	120	140	160	180
U-value	W/m ² K	0.702	0.594	0.506	0.411	0.334	0.282	0.257	0.226	0.202
Weight	kg/pc.	9.6	9.9	10.1	10.6	11.1	11.6	12.0	12.6	13.1
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film									
Number of boards per pallet	Pcs.	72	60	52	40	34	28	24	22	20
m ² per pallet	m ²	51.4	42.8	37.1	28.5	24.3	20.0	17.1	15.7	14.3