

Type DS, DL, DP and DM insulation panels

Insulation panel type DS

Cover panel	Cement-bonded chipboard, 10 mm
Thermal insulation	Expanded rigid polystyrene foam (EPS), 15 kg/m³, 40–170 mm
Bonding	Water-resistant D3 (EN 204-D3)
Surface	Cement-bonded chipboard, untreated or coated with white primer (can be coated with dispersion paint)
Edge milling	Circumferential groove and tongue joint Bevelled edge, 1 mm
Fastening material	Z mounting brackets made of hot-galvanised sheet metal (2 pieces per panel) Wedge nail DBZ 6/4.5 by Hilti (or similar product with ceiling and fire protection certificate)
Format	1650 × 230 mm (0.379 m ²)

Element thickness	mm	50	60	70	80	90	100	110
Thickness cover panel	mm	10	10	10	10	10	10	10
Thickness thermal insulation	mm	40	50	60	70	80	90	100
U-value	W/m²K	0,790	0,654	0,558	0,487	0,431	0,387	0,351
Weight	kg/pc.	4,8	4,8	4,9	4,9	5,0	5,1	5,1
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film							
Number of boards per pallet	Pcs	180	150	130	115	100	90	85
m ² per pallet	m ²	68,3	56,9	49,3	43,6	38,0	34,2	32,3

Element thickness	mm	120	130	140	150	160	170	180
Thickness cover panel	mm	10	10	10	10	10	10	10
Thickness thermal insulation	mm	110	120	130	140	150	160	170
U-value	W/m²K	0,322	0,297	0,275	0,257	0,240	0,226	0,213
Weight	kg/pc..	5,2	5,2	5,3	5,3	5,4	5,5	5,5
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film							
Number of boards per pallet	Pcs	75	70	65	60	55	55	50
m ² per pallet	m ²	28,5	26,6	24,7	22,8	20,9	20,9	19,0

Insulation panel type DL

Cover panel	Cement-bonded chipboard, 10 mm
Thermal insulation	Expanded rigid polystyrene foam with graphite additive (EPS lambda), 20 kg/m³, 40–170 mm
Bonding	Water-resistant D3 (EN 204-D3)
Surface	Cement-bonded chipboard, untreated or coated with white primer (can be coated with dispersion paint)
Edge milling	Circumferential groove and tongue joint Bevelled edge, 1 mm
Fastening material	Z mounting brackets made of hot-galvanised sheet metal (2 pieces per panel) Wedge nail DBZ 6/4.5 by Hilti (or similar product with ceiling and fire protection certificate)
Format	1650 × 230 mm (0.379 m ²)

Element thickness	mm	50	60	70	80	90	100	110
Thickness cover panel	mm	10	10	10	10	10	10	10
Thickness thermal insulation	mm	40	50	60	70	80	90	100
U-value	W/m²K	0,647	0,532	0,452	0,393	0,347	0,311	0,282
Weight	kg/pc	4,9	4,9	5,0	5,1	5,2	5,2	5,3
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film							
Number of boards per pallet	Pcs.	180	150	130	115	100	90	85
m ² per pallet	m ²	68,3	56,9	49,3	43,6	38,0	34,2	32,3

Element thickness	mm	120	130	140	150	160	170	180
Thickness cover panel	mm	10	10	10	10	10	10	10
Thickness thermal insulation	mm	110	120	130	140	150	160	170
U-value	W/m²K	0,258	0,237	0,220	0,205	0,192	0,180	0,170
Weight	kg/pc	5,4	5,5	5,5	5,6	5,7	5,8	5,8
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film							
Number of boards per pallet	Pcs.	75	70	65	60	55	55	50
m ² per pallet	m ²	28,5	26,6	24,7	22,8	20,9	20,9	19,0

Insulation panel type DP

Cover panel	Cement-bonded chipboard, 10 mm
Thermal insulation	Intensely expanded rigid polystyrene foam (EPS perimeter), 30 kg/m³, 40–170 mm
Bonding	Water-resistant D3 (EN 204-D3)
Surface	Cement-bonded chipboard, untreated or coated with white primer (can be coated with dispersion paint)
Edge milling	Circumferential groove and tongue joint Bevelled edge, 1 mm
Fastening material	Z mounting brackets made of hot-galvanised sheet metal (2 pieces per panel) Wedge nail DBZ 6/4.5 by Hilti (or similar product with ceiling and fire protection certificate)
Format	1650 × 230 mm (0.379 m ²)

Element thickness	mm	50	60	70	80	90	100	110
Thickness cover panel	mm	10	10	10	10	10	10	10
Thickness thermal insulation	mm	40	50	60	70	80	90	100
U-value	W/m²K	0,701	0,578	0,492	0,428	0,379	0,340	0,308
Weight	kg/pc.	5,0	5,1	5,2	5,3	5,5	5,6	5,7
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film							
Number of boards per pallet	Pcs.	180	150	130	115	100	90	85
m ² per pallet	m ²	68,3	56,9	49,3	43,6	38,0	34,2	32,3

Element thickness	mm	120	130	140	150	160	170	180
Thickness cover panel	mm	10	10	10	10	10	10	10
Thickness thermal insulation	mm	110	120	130	140	150	160	170
U-value	W/m²K	0,282	0,260	0,241	0,224	0,210	0,198	0,186
Weight	kg/pc	5,8	5,9	6,0	6,1	6,3	6,4	6,5
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film							
Number of boards per pallet	Pcs.	75	70	65	60	55	55	50
m ² per pallet	m ²	28,5	26,6	24,7	22,8	20,9	20,9	19,0

Insulation panel type DM

Cover panel	Cement-bonded chipboard, 10 mm
Thermal insulation	Rock wool, 160 kg/m ³ , 40–120 mm
Bonding	Water-resistant D3 (EN 204-D3)
Fire protection	VKF fire protection certificate no. 14361, fire index 6q.3
Surface	Cement-bonded chipboard, untreated or coated with white primer (can be coated with dispersion paint)
Edge milling	Circumferential groove and tongue joint Bevelled edge, 1 mm
Fastening material	Z mounting brackets made of hot-galvanised sheet metal (2 pieces per panel) Wedge nail DBZ 6/4.5 by Hilti (or similar product with ceiling and fire protection certificate)
Format	1650 × 230 mm (0.379 m ²)

Element thickness	mm	50	70	90	110	130
Thickness cover panel	mm	10	10	10	10	10
Thickness thermal insulation	mm	40	60	80	100	120
U-value	W/m²K	0.907	0.647	0.502	0.411	0.347
Weight	kg/pc.	7.0	8.2	9.4	10.6	11.8
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film					
Number of boards per pallet	Pcs.	180	130	100	85	70
m ² per pallet	m ²	68.3	49.3	38.0	32.3	26.6