

Type DNS, DNL and DNX thermal insulation boards

Type DNS thermal insulation boards

Cover panel	Cement-bonded chipboard, 10 mm
Thermal insulation	Expanded polystyrene rigid foam (EPS), 15 kg/m³, 70–190 mm
Bonding	Water-resistant D3 (EN 204-D3)
Surface	Cement-bonded chipboard, untreated or coated with white primer (can be coated with emulsion paint)
Edge milling	Circumferential groove and tongue joint Bevelled edge: 1 mm
Fixing material	Z mounting brackets made of galvanised sheet metal (two per panel) Hilti wedge anchor DBZ 6/4.5 (or similar product with ceiling and fire protection certificate)
Format	1235 × 585 mm (0.722 m ²)

Element thickness	mm	80	90	100	110	120	130	140
Cover panel thickness	mm	10	10	10	10	10	10	10
Thermal insulation thickness	mm	70	80	90	100	110	120	130
U-value	W/m²K	0.487	0.431	0.387	0.351	0.322	0.297	0.275
Weight	kg/unit	9.4	9.5	9.6	9.7	9.8	9.9	10.0
Delivery programme	Delivery is carried out true to quantity via disposable pallets covered in stretch foil.							
Number of boards per pallet	Units	44	40	36	32	30	26	24
Number of m ² per pallet	m ²	31.8	28.9	26.0	23.1	21.7	18.8	17.3

Element thickness	mm	150	160	170	180	190	200
Cover panel thickness	mm	10	10	10	10	10	10
Thermal insulation thickness	mm	140	150	160	170	180	190
U-value	W/m²K	0.257	0.240	0.226	0.213	0.201	0.191
Weight	kg/unit	10.1	10.2	10.4	10.5	10.6	10.7
Delivery programme	Delivery is carried out true to quantity via disposable pallets covered in stretch foil.						
Number of boards per pallet	Units	24	22	20	20	18	18
Number of m ² per pallet	m ²	17.3	15.9	14.4	14.4	13.0	13.0

Type DNL thermal insulation boards

Cover panel	Cement-bonded chipboard, 10 mm
Thermal insulation	Expanded polystyrene rigid foam with graphite additive (EPS lambda), 20 kg/m³, 70–190 mm
Bonding	Water-resistant D3 (EN 204-D3)
Surface	Cement-bonded chipboard, untreated or coated with white primer (can be coated with emulsion paint)
Edge milling	Circumferential groove and tongue joint Bevelled edge: 1 mm
Fixing material	Z mounting brackets made of galvanised sheet metal (two per panel) Hilti wedge anchor DBZ 6/4.5 (or similar product with ceiling and fire protection certificate)
Format	1235 × 585 mm (0.722 m ²)

Element thickness	mm	80	90	100	110	120	130	140
Cover panel thickness	mm	10	10	10	10	10	10	10
Thermal insulation thickness	mm	70	80	90	100	110	120	130
U-value	W/m²K	0.393	0.347	0.311	0.282	0.258	0.237	0.220
Weight	kg/unit	9.7	9.8	9.9	10.1	10.2	10.4	10.5
Delivery programme	Delivery is carried out true to quantity via disposable pallets covered in stretch foil.							
Number of boards per pallet	Units	44	40	36	32	30	26	24
Number of m ² per pallet	m ²	31.8	28.9	26.0	23.1	21.7	18.8	17.3

Element thickness	mm	150	160	170	180	190	200
Cover panel thickness	mm	10	10	10	10	10	10
Thermal insulation thickness	mm	140	150	160	170	190	190
U-value	W/m²K	0.205	0.192	0.180	0.170	0.161	0.153
Weight	kg/unit	10.6	10.8	10.9	11.1	11.2	11.3
Delivery programme	Delivery is carried out true to quantity via disposable pallets covered in stretch foil.						
Number of boards per pallet	Units	24	22	20	20	18	18
Number of m ² per pallet	m ²	17.3	15.9	14.4	14.4	13.0	13.0

Type DNX thermal insulation boards

Cover panel	Cement-bonded chipboard, 10 mm
Thermal insulation	Extruded polystyrene rigid foam (XPS), 33 kg/m³, 80–180 mm
Bonding	Water-resistant D3 (EN 204-D3)
Surface	Cement-bonded chipboard, untreated or coated with white primer (can be coated with emulsion paint)
Edge milling	Circumferential groove and tongue joint Bevelled edge: 1 mm
Fixing material	Z mounting brackets made of galvanised sheet metal (two per panel) Hilti wedge anchor DBZ 6/4.5 (or similar product with ceiling and fire protection certificate)
Format	1230 × 580 mm (0.713 m ²)

Element thickness	mm	90	110	130	150	170	190
Cover panel thickness	mm	10	10	10	10	10	10
Thermal insulation thickness	mm	80	100	120	140	160	180
U-value	W/m²K	0.379	0.326	0.275	0.237	0.209	0.187
Weight	kg/unit	10.6	11.1	11.5	12.0	12.5	12.9
Delivery programme	Delivery is carried out true to quantity via disposable pallets covered in stretch foil.						
Number of boards per pallet	Units	40	30	26	24	20	18
Number of m ² per pallet	m ²	28.0	25.1	18.8	17.3	14.4	12.9