



EPS-W 25 Plus

Insulation board made of expanded polystyrene rigid foam resistant to compression with improved insulation performance for high demands

Applications:

Under screed, on flat and pitched roofs, under underfloor heating, cold storage rooms, tar and gravel roofs, attic conversions, plant floors, garages

Product type:

EPS-W 25 gray complying with ÖNORM B 6000

Board sizes:

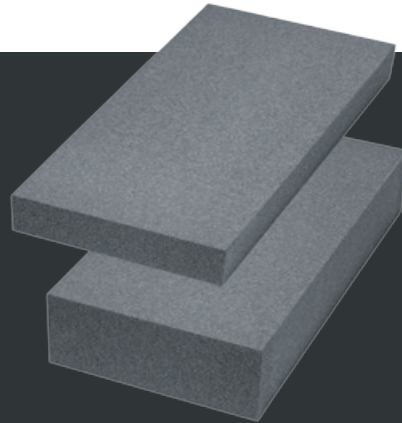
500 x 1000 mm / 1000 x 1000 mm

Thicknesses available:

10 – 500 mm

Color code:

1 x black



Technical Data

Thermal conductivity – rated λ_D	0.031 W/(m.K)
Compressive stress at 10% deformation	≥ 120 kPa
Water vapor diffusion resistance m_y	35 – 80 μ
Reaction to fire in accordance with ÖNORM EN 13501-1	E

Storage: Protect against direct sunlight

Thickness (mm)	10	20	30	40	50	60	70
Art. No.*	14700010G	14700020G	14700030G	14700040G	14700050G	14700060G	14700070G
m ² /Pack	25.0	12.5	8.0	6.0	5.0	4.0	3.5
Qty/Pack	50	25	16	12	10	8	7
U-value (W/m ² .K)**	2.13	1.30	0.89	0.70	0.56	0.48	0.41
R-value (m ² .K/W)	0.30	0.60	0.95	1.25	1.60	1.90	2.25

Thickness (mm)	80	90	100	120	140	160	180
Art. No.*	14700080G	14700090G	14700100G	14700120G	14700140G	14700160G	14700180G
m ² /Pack	3.0	2.5	2.5	2.0	1.5	1.5	1.0
Qty/Pack	6	5	5	4	3	3	2
U-value (W/m ² .K)**	0.37	0.33	0.30	0.25	0.21	0.19	0.17
R-value (m ² .K/W)	2.55	2.90	3.20	3.85	4.50	5.15	5.80

Thickness (mm)	200	220	240	260	280	300	320
Art. No.*	14700200G	14700220G	14700240G	14700260G	14700280G	14700300G	14700320G
m ² /Pack	1.0	1.0	1.0	0.5	0.5	0.5	0.5
Qty/Pack	2	2	2	1	1	1	1
U-value (W/m ² .K)**	0.15	0.14	0.13	0.12	0.11	0.10	0.10
R-value (m ² .K/W)	6.45	7.05	7.70	8.35	9.00	9.65	10.30

* Board size: 500 x 1000 mm

** incl. heat transfer resistance complying with ÖNORM EN ISO 6946 (0.17 m².K/W)