

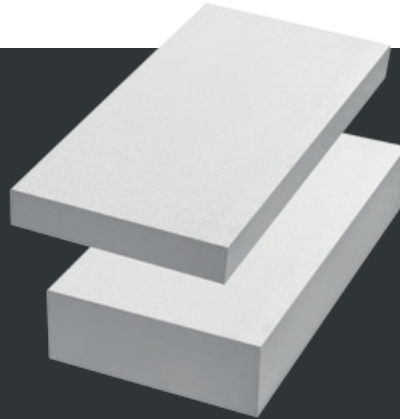


EPS-W 20

Insulation board made of expanded polystyrene rigid foam resistant to compression

Applications:

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



Product type:

EPS-W 20 white complying with ÖNORM B 6000

Board sizes:

500 x 1000 mm / 1000 x 1000 mm

Thicknesses available:

10 – 500 mm

Color code:

Yellow

Technical Data

Thermal conductivity – rated λ_D	0.038 W/(m.K)
Compressive stress at 10% deformation	≥ 100 kPa
Water vapor diffusion resistance m_y	30 – 70 μ
Reaction to fire in accordance with ÖNORM EN 13501-1	E

Thickness (mm)	10	20	30	40	50	60	70
Art. No.*	14600010	14600020	14600030	14600040	14600050	14600060	14600070
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)**	2.38	1.49	1.09	0.82	0.68	0.58	0.51
R-value (m ² .K/W)	0.25	0.50	0.75	1.05	1.30	1.55	1.80

Thickness (mm)	80	90	100	120	140	160	180
Art. No.*	14600080	14600090	14600100	14600120	14600140	14600160	14600180
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)**	0.44	0.40	0.36	0.30	0.26	0.23	0.21
R-value (m ² .K/W)	2.10	2.35	2.60	3.15	3.65	4.20	4.70

Thickness (mm)	200	220	240	260	280	300	320
Art. No.*	14600200	14600220	14600240	14600260	14600280	14600300	14600320
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)**	0.18	0.17	0.15	0.14	0.13	0.12	0.12
R-value (m ² .K/W)	5.25	5.75	6.30	6.80	7.35	7.85	8.40

* Board size: 500 x 1000 mm

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