

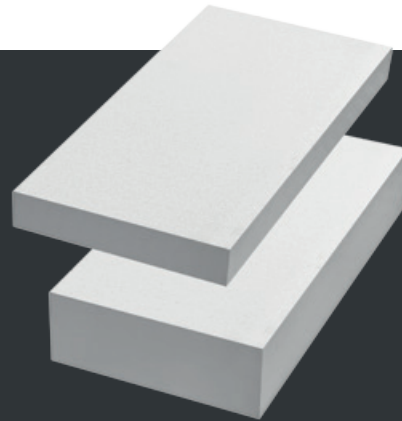


# EPS-W 30

Insulation board made of expanded polystyrene rigid foam resistant to compression for extreme 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 30 white complying with ÖNORM B 6000

## Board sizes:

500 x 1000 mm / 1000 x 1000 mm

## Thicknesses available:

10 – 500 mm

## Color code:

2 x black

## Technical Data

Thermal conductivity – rated $\lambda_D$	0.035 W/(m.K)
Compressive stress at 10% deformation	$\geq 150$ kPa
Water vapor diffusion resistance $m_v$	40 – 100 $\mu$
Reaction to fire in accordance with ÖNORM EN 13501-1	E

Thickness (mm)	10	20	30	40	50	60	70
Art. No.*	14800010	14800020	14800030	14800040	14800050	14800060	14800070
m <sup>2</sup> /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 <sup>2</sup> .K)**	2.38	1.39	0.98	0.79	0.64	0.53	0.46
R-value (m <sup>2</sup> .K/W)	0.25	0.55	0.85	1.10	1.40	1.70	2.00

Thickness (mm)	80	90	100	120	140	160	180
Art. No.*	14800080	14800090	14800100	14800120	14800140	14800160	14800180
m <sup>2</sup> /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 <sup>2</sup> .K)**	0.41	0.37	0.33	0.28	0.24	0.21	0.19
R-value (m <sup>2</sup> .K/W)	2.25	2.55	2.85	3.40	4.00	4.55	5.10

Thickness (mm)	200	220	240	260	280	300	320
Art. No.*	14800200	14800220	14800240	14800260	14800280	14800300	14800320
m <sup>2</sup> /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 <sup>2</sup> .K)**	0.17	0.16	0.14	0.13	0.12	0.11	0.11
R-value (m <sup>2</sup> .K/W)	5.70	6.25	6.85	7.40	8.00	8.55	9.10

\* Board size: 500 x 1000 mm

\*\* incl. heat transfer resistance complying with ÖNORM EN ISO 6946 (0.17 m<sup>2</sup>.K/W)