



# EPS-W 20 Plus

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

## 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 gray complying with ÖNORM B 6000

## Board sizes:

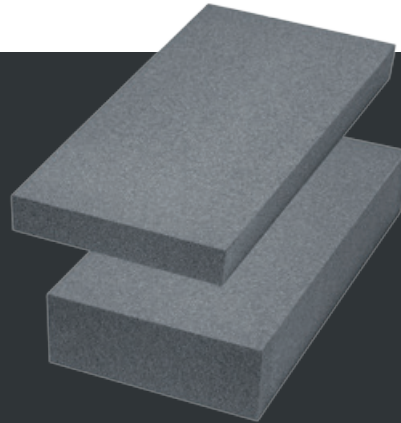
500 x 1000 mm / 1000 x 1000 mm

## Thicknesses available:

10 – 500 mm

## Color code:

Yellow



## Technical Data

Thermal conductivity – rated $\lambda_D$	0.031 W/(m.K)
Compressive stress at 10% deformation	$\geq 100$ kPa
Water vapor diffusion resistance $m_y$	30 – 70 $\mu$
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.*	14600010G	14600020G	14600030G	14600040G	14600050G	14600060G	14600070G
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)**	2.13	1.30	0.89	0.70	0.56	0.48	0.41
R-value (m <sup>2</sup> .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.*	14600080G	14600090G	14600100G	14600120G	14600140G	14600160G	14600180G
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)**	0.37	0.33	0.30	0.25	0.21	0.19	0.17
R-value (m <sup>2</sup> .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.*	14600200G	14600220G	14600240G	14600260G	14600280G	14600300G	14600320G
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)**	0.15	0.14	0.13	0.12	0.11	0.10	0.10
R-value (m <sup>2</sup> .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 m<sup>2</sup>.K/W)