

Technical data sheet

Austrotherm EPS[®] 120

Description:	Expanded polystyrene boards for insulation with high compressive loads in construction																																																																																
Application:	For thermal insulation of flat roofs, under screed, wherever high compressive strength is required structurally																																																																																
Format:	Plates with a length of 1000 mm , a width of 500 mm , thicknesses from 20 to 200 mm Edge shape: Straight edge (GK)																																																																																
Quantity in package:	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Thickness (mm)</th> <th>Length x width (mm)</th> <th>Number of plates</th> <th>Area (m²)</th> <th>R_D m² K / W</th> </tr> </thead> <tbody> <tr><td>20</td><td>1000x500</td><td>24</td><td>12.0</td><td>0.55</td></tr> <tr><td>30</td><td>1000x500</td><td>16</td><td>8.0</td><td>0.85</td></tr> <tr><td>40</td><td>1000x500</td><td>12</td><td>6.0</td><td>1.15</td></tr> <tr><td>50</td><td>1000x500</td><td>10</td><td>5.0</td><td>1.45</td></tr> <tr><td>60</td><td>1000x500</td><td>8</td><td>4.0</td><td>1.75</td></tr> <tr><td>70</td><td>1000x500</td><td>7</td><td>3.5</td><td>2.05</td></tr> <tr><td>80</td><td>1000x500</td><td>6</td><td>3.0</td><td>2.35</td></tr> <tr><td>90</td><td>1000x500</td><td>5</td><td>2.5</td><td>2.60</td></tr> <tr><td>100</td><td>1000x500</td><td>5</td><td>2.5</td><td>2.90</td></tr> <tr><td>120</td><td>1000x500</td><td>4</td><td>2.0</td><td>3.50</td></tr> <tr><td>140</td><td>1000x500</td><td>4</td><td>2.0</td><td>4.10</td></tr> <tr><td>150</td><td>1000 x 500</td><td>3</td><td>1.5</td><td>4.70</td></tr> <tr><td>160</td><td>1000x500</td><td>3</td><td>1.5</td><td>4.70</td></tr> <tr><td>180</td><td>1000x500</td><td>3</td><td>1.5</td><td>5.25</td></tr> <tr><td>200</td><td>1000x500</td><td>2</td><td>1.0</td><td>5.85</td></tr> </tbody> </table> <p>Other thicknesses, slab formats – upon request.</p>	Thickness (mm)	Length x width (mm)	Number of plates	Area (m ²)	R _D m ² K / W	20	1000x500	24	12.0	0.55	30	1000x500	16	8.0	0.85	40	1000x500	12	6.0	1.15	50	1000x500	10	5.0	1.45	60	1000x500	8	4.0	1.75	70	1000x500	7	3.5	2.05	80	1000x500	6	3.0	2.35	90	1000x500	5	2.5	2.60	100	1000x500	5	2.5	2.90	120	1000x500	4	2.0	3.50	140	1000x500	4	2.0	4.10	150	1000 x 500	3	1.5	4.70	160	1000x500	3	1.5	4.70	180	1000x500	3	1.5	5.25	200	1000x500	2	1.0	5.85
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Product type:	Expanded polystyrene (EPS) according to EN 13163																																																																																
Designation:	EPS[®] 120 marking on the short side of the package																																																																																
Designation code:	EPS-EN 13163-T1-L2-W2-Sb2-P5-DS(N)2-DS(70,-)1-BS250-CS(10)120-TR220-WL(T)2-MU(30=70)																																																																																
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Application temp.:	Up to 85°C.																																																																																
Processing:	According to work instructions and construction safety instructions																																																																																

Austrotherm EPS[®] does not contain chlorofluorocarbons (CFCs), HFCs, HFCS, or HBCD .

Last edited: 11/2024

