

## Damur® dividing wall systems

Cover panel	Chipboard P5 (V100), 16 mm MDF board E1, 16 mm OSB board E1, 15 mm Cement-bonded chipboard, 16 mm
Thermal insulation	Expanded rigid polystyrene foam (EPS), 15 kg/m <sup>3</sup> Rock wool, 165 kg/m <sup>3</sup>
Surface	Artificial resin panel (various colour collections), 1 mm MDF board, untreated OSB board, untreated Cement-bonded chipboard, untreated
Bonding	Water-resistant D3 (EN 204-D3)
Edge milling	Circumferential groove and tongue joint Bevelled edge, 1 mm
Fastening material	Floor, wall and ceiling connections: U-profile rail, anodised aluminium, 5000 mm
Format	600 × 200 × 118–122 mm (0.120 m <sup>2</sup> )
Delivery	Delivery of exact quantity on single-use pallets wrapped with stretch film

Structure	Thickness	U-value	Airb. sound insul. value <small>(download test reports)</small>	Weight
2 × chipboard P5 (V100), 16 mm Expanded rigid polystyrene foam (EPS), 15 kg/m <sup>3</sup> , 88 mm Artificial resin panel (various colour collections), 1 mm	122 mm	<b>0.368 W/m<sup>2</sup>K</b>	<b>33 dB</b>	3.3 kg/pc.
2 × chipboard P5 (V100), 16 mm Rock wool, 165 kg/m <sup>3</sup> , 88 mm Artificial resin panel (various colour collections), 1 mm	122 mm	<b>0.424 W/m<sup>2</sup>K</b>	<b>35 dB</b>	4.8 kg/pc.
2 × MDF board E1, 16 mm Expanded rigid polystyrene foam (EPS), 15 kg/m <sup>3</sup> , 88 mm	120 mm	<b>0.365 W/m<sup>2</sup>K</b>	<b>33 dB</b>	3.1 kg/pc.
2 × MDF board E1, 16 mm Rock wool, 165 kg/m <sup>3</sup> , 88 mm	120 mm	<b>0.420 W/m<sup>2</sup>K</b>	<b>35 dB</b>	4.7 kg/pc.
2 × OSB board E1, 15 mm Expanded rigid polystyrene foam (EPS), 15 kg/m <sup>3</sup> , 88 mm	118 mm	<b>0.368 W/m<sup>2</sup>K</b>	<b>33 dB</b>	2.3 kg/pc.
2 × OSB board E1, 15 mm Rock wool, 165 kg/m <sup>3</sup> , 88 mm	118 mm	<b>0.424 W/m<sup>2</sup>K</b>	<b>35 dB</b>	3.9 kg/pc.
2 × cement-bonded chipboard, 16 mm Expanded rigid polystyrene foam (EPS), 15 kg/m <sup>3</sup> , 88 mm	120 mm	<b>0.381 W/m<sup>2</sup>K</b>	<b>33 dB</b>	4.8 kg/pc.
2 × cement-bonded chipboard, 16 mm Rock wool, 165 kg/m <sup>3</sup> , 88 mm	120 mm	<b>0.442 W/m<sup>2</sup>K</b>	<b>35 dB</b>	6.4 kg/pc.