



Build Bloc Limited, Halyard Street, Dagenham RM9 6RJ

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**BSEN 771-3:2011 +A1:2015**

Medium Dense Paintgrade- BMP

**Category II, Aggregate concrete masonry unit, for use in walls, columns and partitions**

<b>Dimensions:</b>	See Dispatch Note
<b>Dimensional tolerances:</b>	
Category:	D1
Flatness:	NPD
Plane parallelism:	NPD
<b>Configuration:</b>	Group1 ( Solid )
<b>Mean compressive strength:</b>	3.6-10.4 N/mm <sup>2</sup>
<b>Dimensional stability: moisture movement:</b>	<0.8mm/m
<b>Shear bond strength:</b>	0.15 N/mm <sup>2</sup> (tabulated value)
<b>Flexural bond strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water absorption:</b>	7.1 g/m <sup>2</sup> .s
<b>Water vapour diffusion coefficient:</b>	5/15 (tabulated value)
<b>Direct airborne sound insulation:</b>	
<u>Gross dry density</u>	1500 kg/m <sup>2</sup>
<u>Configuration</u>	Group 1 (solid)
<b>Thermal conductivity:</b>	$\lambda$ 0.48 W/(mK) <sub>10, dry mat</sub>
<b>Durability against freeze-thaw:</b>	< 7.2, Requires protection >7.2, Fr > 7.2, Frost Resistant
<b>Dangerous substances:</b>	NPD