



13

Besblock Limited. Halesfield 21, Telford, Shropshire. TF7 4 NF

**BSEN 771-3**

Bescrete solid block 440 x 140 x 140mm

Category II, Aggregate concrete masonry unit

<b>Dimensions:</b>	440 x 140 x 140mm	
<b>Dimensional tolerances:</b>		
Category:	D1	
<b>Configuration:</b>	Group 1 (Solid)	
<b>Mean compressive strength:</b>	7.3 - 22.5 N/mm <sup>2</sup> (Unit strength)	
<b>Dimensional stability: moisture movement:</b>	<0.7mm/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>	NPD	
<b>Water vapour diffusion coefficient:</b>	5/15	(tabulated value)
<b>Direct airborne sound insulation:</b>		
<u>Gross dry density</u>	1930 kg/m <sup>2</sup>	
<u>Configuration</u>	Group 1 (Solid)	
<b>Thermal conductivity:</b>	$\lambda = 0.99$ (W/mK) <sup>10, DRY MAT</sup>	
<b>Durability against freeze-thaw:</b>	Pass	
<b>Dangerous substances:</b>	NPD	