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

## BSEN 771-3

Insulite (100mm Cellular)

Category II, Aggregate concrete masonry unit

<b>Dimensions:</b>	440X100X215	
<b>Dimensional tolerances:</b>		
Category:	D1	
<b>Configuration:</b>	Group1 (< 25% void)	
<b>Mean compressive strength:</b>	3.6-7.3 N/mm <sup>2</sup>	
<b>Dimensional stability: moisture movement:</b>	<0.6mm/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>	1185 kg/m <sup>2</sup>	
<u>Configuration</u>	Group1 (Cellular < 25% void)	
<b>Thermal conductivity:</b>	$\lambda = 0.386 \text{ W/(mK)}_{10, \text{ dry mat}}$	
<b>Durability against freeze-thaw:</b>	Not to be used exposed if < 7.3N/mm <sup>2</sup>	
<b>Dangerous substances:</b>	NPD	