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

BSEN 771-3

Insulite (140mm Cellular)

Category II, Aggregate concrete masonry unit

Dimensions:	440 X 140 X 215	
Dimensional tolerances:		
Category:	D1	
Configuration:	Group 2 (> 25% void)	
Mean compressive strength:	3.6-7.3 N/mm ²	
Dimensional stability: moisture movement:	<0.6mm/m	
Shear bond strength:	0.15 N/mm ²	(tabulated value)
Flexural bond strength:	NPD	
Reaction to fire:	Euroclass A1	
Water absorption:	NPD	
Water vapour diffusion coefficient:	5/15	(tabulated value)
Direct airborne sound insulation:		
<u>Gross dry density</u>	1071 kg/m ²	
<u>Configuration</u>	Group 2 (> 25% void)	
Thermal conductivity:	$\lambda = 0.445(W/mK)_{10, dry mat}$	
Durability against freeze-thaw:	Not to be used exposed if < 7.3N/mm ²	
Dangerous substances:	NPD	