



Edenhall Ltd, Danygraig Road, Risca, NP11 6DP

2017

**BS EN 771-3**

**SOLID DENSE BLOCK**

**Category II, Aggregate Concrete Masonry Unit**

<b>Dimensions:</b>	See Despatch Note	
<b>Dimensional tolerances:</b>		
Category:	D1	
Flatness:	NPD	
Plane parallelism:	NPD	
<b>Configuration:</b>	Group 1	
<b>Mean compressive strength:</b>	$>7.3\text{N/mm}^2$	
<b>Dimensional stability - moisture movement:</b>	$<0.6\text{mm/m}$	
<b>Shear bond strength:</b>	$0.15\text{ N/mm}^2$	(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>	$1900\text{Kg/m}^3$	
<u>Configuration:</u>	Group 1	
<b>Thermal conductivity:</b>	$\lambda\ 0.90\text{W/mK}$	
<b>Durability against freeze-thaw:</b>	Frost Resistant	
<b>Dangerous substances:</b>	NPD	