



PD Edenhall Ltd Danygraig Road Risca NP11 6DP

2013

**BSEN 771-3**

**SOLID DENSE BRICK**

**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>	>22.5N/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>
<b>Flexural bond strength:</b>	NPD
<b>Reaction to fire:</b>	EUROCLASS A1
<b>Water absorption:</b>	<150g/m <sup>2</sup> /s <sup>0.5</sup>
<b>Water vapour diffusion coefficient:</b>	5/15
<b>Direct airborne sound insulation:</b>	
<u>Gross dry density</u>	2100Kg/m <sup>3</sup>
<u>Configuration</u>	Group 1
<b>Thermal conductivity:</b>	λ 1.11W/mK (dry)
<b>Durability against freeze-thaw:</b>	Frost Resistant
<b>Dangerous substances:</b>	NPD