



PD Edenhall Ltd Danygraig Road Risca NP11 6DP

2013

**BSEN 771-3**

**SOLID LIGHTWEIGHT UNIT**

**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>	>7.3N/mm <sup>2</sup>	
<b>Dimensional stability: moisture movement:</b>	<0.9mm/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>	<150g/m <sup>2</sup> /s <sup>0.5</sup>	
<b>Water vapour diffusion coefficient:</b>	5/15	(tabulated value)
<b>Direct airborne sound insulation:</b>		
<u>Gross dry density</u>	<1500Kg/m <sup>3</sup>	
<u>Configuration</u>	Group 1	
<b>Thermal conductivity:</b>	λ 0.39W/mK (dry)	
<b>Durability against freeze-thaw:</b>	Frost resistant	
<b>Dangerous substances:</b>	NPD	