

# PRODUCT SPECIFICATION

<b>Product</b>	<b>100mm Stranlite Standard Synerg.Eco, Lightweight Aggregate Masonry</b>	
<b>Manufacturer</b>	Plasmor Ltd, PO Box 44, Womersley Road, Knottingley, West Yorkshire WF11 0DL	
<b>Website</b>	www.Plasmor.co.uk	
<b>Pack Size</b>	9.6m <sup>2</sup> / 96 no.	
<b>Work Size &amp; Finish</b>	440 (l) x 215 (h) x 100 (w), Standard Finish	
<b>Standard</b>	BS EN771-3	
<b>Configuration</b>	Solid (Group 1)	
<b>Strength</b>	Mechanical	7.3N/mm <sup>2</sup>
	Category	II
<b>Tolerance</b>	D1	
<b>Net Dry Density</b>	1400kg/m <sup>3</sup>	
<b>Unit Weight</b>	14.5kg @ 3% M/C	
<b>Thermal (@3% M/C)</b>	K = 0.41W/m <sup>2</sup> K r = 0.244	
<b>Moisture Movement</b>	0.6mm/m	
<b>Fire</b>	Resistance	Non-combustable as defined in BS EN 13501-1
	Rating	Loadbearing 4 hours, Non loadbearing 6 hours (Wet Plaster Finish)
<b>Sound Reduction</b>	R <sub>w</sub> (C;C <sub>tr</sub> ) = 47 (-1; 4)dB (wet plastered both sides)	
<b>Mortar Designation</b>	1 Cement : 5 - 6 Sand	
<b>Resistance to frost</b>	Resistant, not to be left exposed externally	
<b>Recycled Content</b>	100% Aggregate recycled content	
<b>BES 6001:Issue 3.1</b>	BSI Certification 585086 "Good"	
<b>ISO 14001:2015</b>	BSI Certification EMS 536819	
<b>ISO 9001:2015</b>	BSI Certification FM 10847	