


Last Update: 9/09/2016

<b>TECHNICAL DATA SHEET</b>	
Product Code:	15.20 LWS
Product Description:	140 mm HOLLOW LIGHTWEIGHT STRUCTURAL BLOCK
Dimensions:	<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>140 x 190 x 390 mm (W x H x L)</p> </div> <div style="flex: 1;">  </div> </div>
Compressive Strength:	Characteristic unconfined compressive strength $f'_{uc}$ : 15 MPa minimum
Density:	1.8 tonne/m <sup>3</sup> (dry)
Fire:	Fire Resistance Level (FRL): -/-/120 minutes
Max Slenderness Ratio for FRL Structural Adequacy:	22.6 for FRL 120 minutes
Material Thickness for FRL Insulation:	74 mm
Sound:	Weighted Sound Reduction Index ( $R_w$ ): 45
R Value (Bare Block)	0.25
Permeability:	N/A
Water Absorption:	10% by mass
Salt Attack Resistance:	General Purpose
Weight:	11.3 kg
No. per pallet:	120 units (30 units 15-01 LWS and 90 units 15-42 LWS)
No. per m <sup>2</sup> :	12.5
No. per Tonne:	88 (Combined 15-01 LWS units with 15-42 LWS units)

**Fire Resistance Levels as per Section 6, AS 3700**  
**Manufactured in accordance to AS/NZS 4455**  
**Dimensions Tolerance +/- 2 mm for Length, Width and Height**  
**Quality Assurance AS/NZS ISO 9001**

**The test results shown have been recorded in laboratory conditions. Results achieved in the field may vary due to differences in construction techniques or material variations.**

**For detailed specification to meet your precise requirements, expert advice should be obtained from National Masonry.**

Subject to change without notice