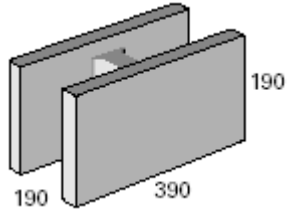


Last Update: 14/08/2025

| TECHNICAL DATA SHEET                               |                                                                                                  |                                                                                     |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Product Code:                                      | 20.48 AG                                                                                         |                                                                                     |
| Product Description:                               | 190 mm H BLOCK A/G STANDARD MIX                                                                  |                                                                                     |
| Dimensions:                                        | 190 x 190 x 390 mm<br>(W x H x L)                                                                |  |
| Compressive Strength:                              | Unconfined compressive strength $f_{uc}$ : 15 MPa                                                |                                                                                     |
| Minimum Core Dimensions & Volume:                  | 165/125 mm<br>(Length/Width)                                                                     | Two Void Volume: 0.00768m <sup>3</sup>                                              |
| Density:                                           | 2100 kg/m <sup>3</sup>                                                                           |                                                                                     |
| Fire:                                              | Fire Resistance Level (FRL): -/-/240 minutes (Grout-Filled),<br>Non Grout Filled: -/-/60 minutes |                                                                                     |
| Max Slenderness Ratio for FRL Structural Adequacy: | 36.0 for FRL 240 minutes (when reinforced)                                                       |                                                                                     |
| Material Thickness for FRL Insulation:             | N/A                                                                                              |                                                                                     |
| Sound:                                             | Weighted Sound Reduction Index ( $R_w$ ): N/A                                                    |                                                                                     |
| R Value (Bare Block)                               | N/A                                                                                              |                                                                                     |
| Water Absorption:                                  | 7.7% by mass                                                                                     |                                                                                     |
| Salt Attack Resistance:                            | General Purpose                                                                                  |                                                                                     |
| Weight:                                            | 14.2 kg                                                                                          |                                                                                     |
| No. per pallet:                                    | 90                                                                                               |                                                                                     |
| No. per m <sup>2</sup> :                           | 12.5                                                                                             |                                                                                     |
| No. per Tonne:                                     | 68                                                                                               |                                                                                     |

**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