

# STRUCTURAL DESIGN OF *mortarless* MASONRY to IS 456 : 2000

## DESIGN MANUAL - Part 3

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# 140 mortarless (design tables) UNCHAMFERED

In this mortarless masonry Design Manual Part 3, design tables are provided for combinations of block grades (unconfined compressive strengths) and core fill grout strengths (28 day cube strengths) as follows:

**BLOCK GRADES:** 15 & 20 MPa  
**CORE FILL CONCRETE (GROUT):** M20 & M25

## AVAILABILITY of SUPPLY:

The 140 *mortarless* masonry units to which these design tables apply are available in the following regions:

Australia (NSW, QLD & VIC) (known in Australia as Pronto Block)  
Middle East (Oman, UAE)  
Asia (India)

Prior to specifying 140 *mortarless* masonry check proximity of nearest supplier with local Licensee.

## DISCLAIMER:

This *mortarless* masonry Design Manual has been compiled to assist structural engineers quickly and efficiently prepare designs and details of load-bearing *mortarless* masonry structures and elements. Numerous design aids have been provided and these cover a broad range of typical design applications. While every care has been taken to ensure the information provided is accurate and complete for the design situations and actions covered, the information should only be used by experienced practising structural engineers, and all engineers should familiarise themselves with the full contents of the applicable Standards to ensure no requirement is overlooked. Mortarless Pty Ltd, its licensees and the author accept no liability whatsoever arising out of the use or misuse of the information provided in this design manual.

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