Design Sheet

Masonry Support Systems

Please provide: contact details; project details; design conditions; sketch of support system. Tick all applicable boxes.

Purpose of Your Enquiry (tick box as appropriate)

☐ Quotation required   ☐ Specification

Contact Details

Contact name . . . .

Company . . . .

Address . . . .

. . . .

. . . .

Tel . . . .

Email . . . .

Project Details

Project name . . . .

Project address . . . .

. . . .

. . . .

Design Conditions

1 Cavity (mm) . . . .

2a Characteristic load (kN/m) SLS . . . .
or

2b Height of masonry (mm) . . . .

2c Masonry density (kg/m³). . . . .
(Including mortar and water absorption.
If unknown, we assume 2000kg/m³)

3 Masonry width (mm) . . . .

4 Structure type (please tick one)

Steelwork (UB/UC) ☐   Steelwork (RHS/SHS) ☐

Concrete (cast in channel)* ☐   Concrete (post fixed)* ☐
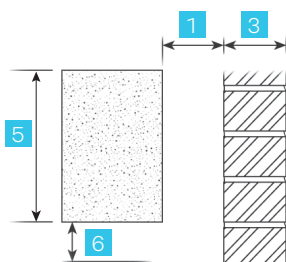*If concrete frame, please provide:

Concrete grade . . . .

Cracked / Uncracked . . . .
NB. if unknown, we will assume N32 cracked for calculation purposes

5 Slab/beam depth (mm) . . . .

6 Underside of support angle relative to structure,

Above ☐

Below ☐   . . . . (mm)

7 Length of support system (m) . . . .
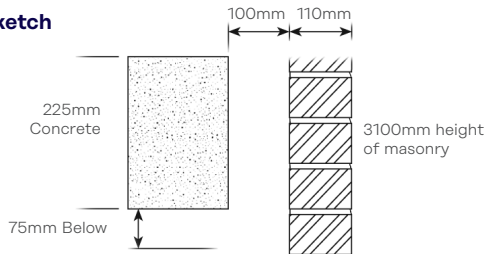
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Design Sheet
Masonry Support to EN 1993 (EC3)

Please use the space below to sketch your requirements, or provide any additional information which may affect the design.

Example Sketch

100mm   110mm

225mm Concrete

3100mm height of masonry

75mm Below

Please provide section through at support system location

Submit Form

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Leviat.com

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