

# Design Sheet

## Masonry Support to BS EN 1993 (EC3)

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    ☐ Order

### Contact Details

Contact name .....  
Company .....  
Address .....  
.....  
.....  
Tel .....  
Email .....

### Project Details

Project name .....  
Project address .....  
.....  
.....  
Order No .....

### Design Conditions

**1** Cavity (mm) .....  
**2a** Characteristic load (kN/m) SLS .....  
or  
**2b** Height of masonry (mm) .....  
and  
**2c** Masonry density (kg/m³) .....  
(Including mortar and water absorption.  
If unknown, we assume 2000kg/m³)  
**3** Masonry width (mm) .....

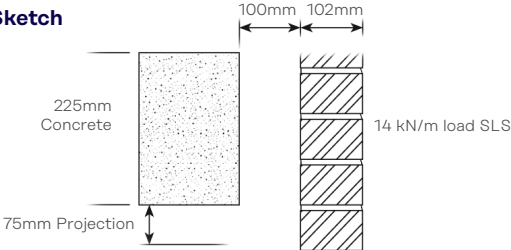
**4** Frame (Fixing) type (please tick one)  
Steelwork (UB/UC) ☐ Steelwork (RHS/SHS) ☐  
Concrete (cast in channel)\* ☐ Concrete (post fixed)\* ☐  
\*If concrete frame, please provide:  
Concrete grade .....  
Cracked / Uncracked .....  
NB. if unknown, we will assume C30/37 cracked for calculation purposes  
**5** Slab/beam depth (mm) .....  
**6** Underside of support angle to underside of structure,  
-ve value = projection (mm). .....  
NB. if unknown, we will assume 0mm i.e. underside of angle level with underside  
of structure  
**7** Length of support system (m) .....

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Please use the space below to sketch your requirements, or provide any additional information which may affect the design, eg. does parapet return to façade of building?

**Example Sketch**



Please provide section through at support system location

Grid area for sketching requirements or providing additional information.

**Submit Form**