

DESIGN ENQUIRY FORM

PRIMARY FLOOR BEAM

CONTACT DETAILS

Company: Name:
 Address: Email:
 Tel:
 Fax:

PROJECT DETAILS

Project Title:
 Beam Ref:

LAYOUT

Layout Type: Composite Non-Composite
 Span: m
 Bay Centres: m Bay Centres: m
Side 1 Side 2
 Secondary Mid Span
 Beam Centres: Third Points
 Quarter Points
 Other (please specify in Notes area)

Building Type: Office Car Park
 Storage Education
 Other
(please tick as appropriate)

NOTES

INSITU CONCRETE

Slab: mm Top Mesh:
 Deck Type: Thickness:
 Grade: N/mm²
 Weight: Normal Lightweight

PC UNITS

Thickness: mm Mass: kN/m²

LOADING

Note: Exclude self-weight of deck & slab

Live: kN/m²
unfactored
 Partitions: kN/m²
unfactored
 Ceiling & Services: kN/m²
unfactored
 Other: kN/m²
unfactored

LIMITS

Maximum Beam Depth: mm
leave blank if no limit
 Minimum Cell Diameter: mm
leave blank if no limit
 * Natural Frequency: Hz
 † Live Load Deflection: mm
leave blank if no limit

* unless otherwise instructed
 4.0 Hz for offices &
 3.0 Hz for car parks

† DEFLECTION:

DEFLECTION DUE TO DEAD-LOAD SHOULD NOT BE A CRITICAL FACTOR, AS CELLULAR BEAMS CAN BE PRE-CAMBERED WITHOUT COST.

ON COMPLETION PLEASE FAX THIS FORM TO WESTOK ON: 01924 280030