

Masonry Fixing Services FM 01 form

1 Project/application information

Your name:

Company:

Project address:

Reference Number:

Phone No:

Date:

Application

Tick here if you are doing the design

Tick here if you are getting a 3rd party to do the design

2 Base material

Concrete

Other (please Specify)

Condition of concrete

Cracked

Non-cracked

Compressive strength:

Non reinforced

Normal reinforcement

Dense reinforcement

Without edge reinforcement

Straight edge reinforcement

Straight reinforcement and hangers

Beam

Column

Slab

Wall

Width Full screen width

Height

Thickness

3 Fixture type & anchor geometry

Fixture:

Carbon steel

Stainless steel

Timber

Other

Fixture size (plate size):

Profile detail (if any):

Number of fixings per fixture:

Anchor spacing is fixed

Anchor spacing is flexible

Please show preferred anchor spacing on sketch:

Horizontal anchor spacing

Vertical anchor spacing

Concrete edge distance

fixed

flexible

Please show preferred edge distance on sketch:

Edge 1

Edge 3

Edge 2

Edge 4

Please advise of any shimming, packing, grout or standoff:

5 Design Sketch / Notes

4 Design actions (factored)

Tension $N =$ [kN]

Compression $N =$ [kN]

Shear $V_x =$ [kN]

Shear $V_y =$ [kN]

Moment $M_x =$ [kNm]

Moment $M_y =$ [kNm]

Moment $M_z =$ [kNm]

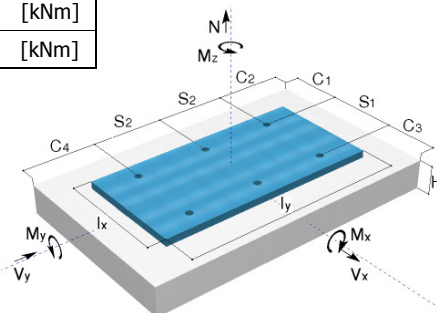
Static

Pulsating

Alternating

Safety critical

Non safety critical



Preferred anchor type (if any)

Drill hole type Hammer Diamond

Long term temp range

Short term temp range