THERMO BLOCK COLUMN &
BEAM INSULATION DETAILS

R.C.C. COLUMN

INSIDE

OUTSIDE

13mm PLASTER (EXTERNAL RENDER) ON COLUMN & BEAM

110x10mm EXPANDED POLYSTYRENE (EXPANDED)

R.C.C. PLINTH BEAM

4mm DIA LADDER MESH EVERY THIRD LAYERS

13mm EXTERNAL RENDER

10mm INTERNAL RENDER

250mm THERMO BLOCK

110mm POLYSTYRENE (EXPANDED)

110x10mm EXPANDED POLYSTYRENE STRIPS AS SHOWN IN PLAN

PART PLAN

EMCON (412x200x250mm) THERMAL INSULATED BLOCK WITH 110mm POLYSTYRENE (EXPANDED)

Note:
1. ALL DIMENSIONS IN MILLIMETERS
2. VAPOUR BARRIER NOT REQUIRED

INWARD

OUTSIDE

SECTION A-A

1:4 SAND CEMENT PLASTER ON THERMO BLOCK WALL

110X10mm EXPANDED POLYSTYRENE PLACED AT EACH VERTICAL JOINT

110x10mm EXPANDED POLYSTYRENE PLACED AT EVERY COURSE IN HORIZONTALLY

250mm THERMO BLOCK

10mm PLASTER (INTERNAL RENDER) R.C.C. COLUMN

10mm PLASTER (INTERNAL RENDER) ON COLUMN & BEAM

110x10mm EXPANDED POLYSTYRENE

As shown in plan