Concrete:
- Concrete compressive strength at 28 days Fcu/F'c=40/32MPa.
- Concrete compressive strength at releasing/demolding time.
- Type of cement: OPC.

Steel:
- Normal reinforcing steel: BS4449, Fy=460 MPa.
- Prestress reinforcing steel: low relaxation 7 Wire strands complying with ASTM A416 grade 270.

Tolerance:

General Notes:
- All dimensions are in millimeters, all levels in meters.
- Do not scale from this drawing. Only written dimensions are to be considered.

Concrete clear cover for reinforcing steel as per ACI-318 sec (7.7.1):
- Wall panel: Fci=0.6 (Fcu/F'c).
- 20mm-30mm

This drawing is the property of Exeed Precast Co.

Design department.

MATERIALS:
- Extruded Polystyrene thermal Insulation board Type VIClassification Density of Insulation = 32-35 kg/m³
- Thermal insulation: Extruded Polystyrene Insulation board Type V Classification Density of Insulation = 32-35 kg/m³

EXEED PRECAST
SANDWICH PANEL
PANEL THICKNESS IN cm.
INSULATION THICKNESS IN cm.

EXTERNAL
1
2
3

INSULATION
CONCRETE REINFORCED
70mm
EXTRUDED POLYSTYRENE 60mm

INTERNAL
LAYER CONCRETE REINFORCED 70mm

PRECAST INSULATED WALL PANEL, 220mm THK
PRODUCT DATA SHEET
REF.
EXP-SW-22/10s
DATE.
30/04/2012
REV.
0