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.

GENERAL NOTES:
- All dimensions are in millimeters, all level 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).

MATERIALS:
- Extruded Polystyrene thermal Insulation board Type V Classification Density of Insulation = 32-35 kg/m³
- Thermal Insulation: Extruded Polystyrene (K value): m².K/W" 3K=0.03 W/m.K
- Insulation board: m².K/W" 3K=0.0292 W/m.K

EXP-SW-23/10
EXEED PRECAST
SANDWICH PANEL
PANEL THICKNESS IN cm.
EXTERNAL LAYER
1 INSULATION 60mm CONCRETE REINFORCED 70mm
INTERNAL LAYER CONCRETE REINFORCED 70mm
PRECAST INSULATED WALL PANEL, 230mm THK
PRODUCT DATA SHEET
REF. EXP-SW-23/10
DATE. 30/04/2012
REV. N O. 0

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