Concrete:
- Concrete compressive strength at 28 days $F_{cu}/F'_c = 40/32 \text{MPa}$.
- Concrete compressive strength at releasing/demolding time.

Type of cement: OPC.

Additives: ----

Steel:
- Normal reinforcing steel: BS4449, $F_y = 460 \text{MPa}$.
- Prestress reinforcing steel: low-relaxation 7 Wire strands complying with ASTM A416 grade 270.


Concrete clear cover for reinforcing steel as per ACI-318 sec (7.7.1):
- Wall panel: $F_{ci} = 0.6 \left( F_{cu}/F'_c \right)$.

20mm-30mm

TOLERANCE:
- Extruded Polystyrene thermal Insulation board Type VIClassification

Density of Insulation = 23-34 kg/m³
Thermal conductivity = 0.039 W/m.K

Isoboard Extruded Polystyreney=0.0279 W/m.k

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EXEED PRECAST
SANDWICH PANEL

PANEL THICKNESS IN cm.

EXTERNAL LAYER

70mm

INSULATION

60mm

INTERNAL LAYER

CONCRETE REINFORCED

30mm

PRECAST INSULATED WALL PANEL, 290mm THK

PRODUCT DATA SHEET

REF.

EXP-SW-29/10

DATE.

30/04/2012

REV. NO.

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