

B.2. ARMOPANEL™ CONCRETE WALL SYSTEM LIMITATIONS

Armopanel™ Concrete Wall System have been developed for four groups of limitations:

- Group-I:** Limitations for low-rise residential buildings. Limitations are based on data from *Prescriptive Method for Insulating Concrete Forms in Residential Construction. Second edition. Table 1.1.*(PATH, January 2002) [1]. and include Tables for selection of reinforcement for the basement and above grade walls with height up to 3.0m(10') and Equivalent Fluid Density of Soil = 60 pcf (960 kg/m³), for the typical construction conditions.
- Group-II:** Limitations for low-rise residential buildings. This group include Tables for selection of reinforcement for the basement and above grade walls with height 3.0÷3.7m (10÷12') and Equivalent Fluid Density of Soil =1,280 kg/m³ (80 pcf), for the typical construction conditions.
- Group-III:** Limitations for low-rise residential buildings. This group include Tables for selection of reinforcement for the basement and above grade walls in low and moderate seismic zones.
- Group-IV:** Limitations for Construction of Structural Concrete Walls. This group include Interaction Diagrams and Tables for selection of reinforcement for above grade walls with height up to 20.0m (65'), basement walls up to 9.0m (30'), one-storey industrial buildings, and retaining walls with height up to 6.0 m (20').

Tables for selection of foundations and lintels reinforcement has been developed for the conditions mentioned in I and II Groups.

