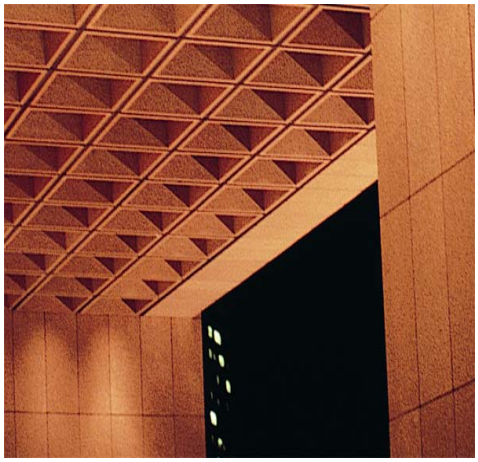
GENERAL SPECIFICATIONS

CONCRETE JOIST CONSTRUCTION

FORM MATERIAL

1) Pan form units used to form ribbed slab or concrete joist construction shall be manufactured to standard dimensions unless otherwise shown. Standard dimensions are as specified in ANSI A48.2-1986 for two-way systems as referenced in the Manual of Standard Practice, published by CRSI.
2) The pan form units shall be of sufficient gauge material with stiffeners or bracing to safely support the loads from wet concrete and construction operations while maintaining tolerances referenced herein. Steelforms shall be 14 gauge, cold formed, hot-rolled, hight carbon steel. Fiberglass reinforced plastic forms shall have a minimum of 1/8-inch thickness of fiberglass material with a 15-mil thickness gel-coat finish.
3) The pan form units may be either new or conditioned and may contain holes up to 1/8 inch in size. Steelform units may have surface rust, but shall be free from scaling.
4) Filler size units of similar characteristics shall be used as required or shown on the structural drawings.
5) Form units shall be slope-sided for easy form removal. Slope shall be a minimum of 1 inch in 12 inches.



INSTALLATION

1) Pan form units shall be fastened to the supporting framework in such a way that the required position is maintained throughout concreting operations.
2) A non-staining form release agent shall be applied to all form surfaces prior to the installation of reinforcement or other embedded items.
3) Attachment to form units shall be accomplished using a special dome rivet supplied by the forming company. The use of sheet metal screws is prohibited.
4) Grout leakage at joint locations is permitted.
5) In-place concrete shall not be structurally damaged during form removal operations.
6) Pan form units may be reused to complete project forming requirements, provided they are free from concrete build-up and meet the tolerances listed herein.

STRUCTURAL SLABS, BEAMS, COLUMNS, WALLS, STAIRS AND MISCELLANEOUS STRUCTURAL CONCRETE ELEMENTS

FORM MATERIAL

1) Form material shall be flat and true, conforming to the elevations and lines on the structural drawings.
2) The forms shall be of sufficient material thickness with stiffeners or bracing to safely support the loads from wet concrete and construction operations while maintaining tolerances referenced herein.

INSTALLATIONS

1) Forms shall be fastened to the supporting framework in such a way that the required position is maintained throughout concreteing operations.
2) Grout leakage at joint locations is permitted.
3) In-place concrete shall not be structurally damaged during form removal operations.
4) Irregular offsets at joint locations are acceptable provided they do not affect the structural integrity of the slab construction.
5) Permitted irregularities in formed surface of slab construction shall not exceed those listed for Class B (exposed) or Class C (unexposed) in Section 3.4 of Guide to Formwork for Concrete, published by ACI (formerly Section 3.3.8 of ACI 347-78, Recommended Practice for Concrete Formwork.)
6) A form relase agent shall be applied to all form surfaces prior to the installation of reinforcement or other embeded items.
7) Forms may be reused to cpmplete project forming requirements, provided they are free from concrete build-up and meet the tolerances listed herein.