

**Suggested Guide Specification:
Suspended Interior Security Ceiling Using Modified
Portland Cement-Based Plaster**



LATHING:

- Main Runners: 2" Cold Rolled Channels placed on 2' centers and secured to structure through installation methods described in Section 7 of ASTM C 1063.
- Cross Furring: ¾" Cold Rolled Channels positioned transverse to main runners on 12" centers, saddle tied with .0625-in. 16 gauge galvanized wire.
- Metal Lath: Security Lath. Alabama Metal Industries Corp. (AMICO) or equal.
- Casing Beads: 1 1/8" grounds #66 (To be attached to the surface of the lath. Also used for control and expansion joints if needed.)

PLASTER MIXES

- Permissible Mixes. All portland cement plaster base coats shall be in accordance with ASTM C926 Permissible Mix Table 1, for Metal Plaster Bases.
- Base Coat Mixing Proportions. Scratch and brown coats shall be mixed and proportioned in accordance with ASTM C926 Table 2, for Base-Coat Proportions.
- Finish Coat shall be mixed in accordance with ASTM C926 Table 3, for Job-Mixed Finish Coat Proportions
- Liquid Admixtures. Proportion, mix and apply in accordance with manufacturers printed directions.

NOTES:

- Scratch coat should be pushed through the metal lath as much as ¾" to obtain the desired overall thickness of the ceiling.
- ½" chopped fiberglass strands added to the mix, helps coalesce the plastic mixture. The glass fiber should be the last thing added to the mix before application.

ALTERNATE FINISH

Acrylic Finish Coatings: A proprietary mixture of 100% acrylic polymer, aggregate, water and pigments by Dryvit, Sto, Senergy, Parex or equivalent.

- Comply with acrylic finish manufacturer's recommendations for conditions affecting product performance.
- Protect installation from direct precipitation during the application and the setting/curing period of primer and finish coat.
- Maintain a wet edge when applying finish.
- Ensure that the finish is fully set prior to removing protective covering. Do not use frozen materials.
- Apply acrylic primer and/or finish only when ambient air temperature is 40° F and rising. Ambient air temperature shall remain at 40° F for a minimum of 24 hours or longer if required, until the coatings are completely dry.