



Design, Build, Renovate



(800) 373-4262  
Worldwide Service

(913) 780.0770  
ICA East: (914)669.4394

# Energy Miser RFC

(Reflective Fabric Ceiling)

## **GENERAL**

1. The contractor shall furnish and install a complete overhead suspended reflective ceiling system, as designed and distributed by Indoor Courts of America, Inc. (ICA), Olathe, KS.
2. The entire ceiling system shall be warranted against defects in materials and workmanship for one (1) year from date of final inspection.

## **PRODUCTS**

1. ICA's TC-120 Facing Specifications are attached, with sample of facing.
2. Materials shall meet or exceed NFPA Standard 701 Small Scale Test, ASTM-E-84 "Tunnel Test".
3. Individual ceiling sections shall be continuous and shall be individually rolled and packaged. Sections may be slit for light fixtures conduits, speakers, braces, etc., in order to overlap individual sections.
4. Each individual ceiling section shall be attached at each end wire with a special PVC clip.
5. Individual ceiling sections shall be supported by a suspension system consisting of 1/4" 7 strand high-tension guy wire, located on 10'-12' centers along the axis of the building.
6. All wire shall be 1/4" 7 strand high-tension guy wire secured by strand vices in lieu of turnbuckles. Wire shall be installed so that it will not sag, and will never

require tightening or adjustment. All terminal points of wire and any wire splices shall be held in place by compression fittings designed for high-tension wire installations.

**EXECUTION**

1. Laminate panels shall be overlapped a minimum of 4".
2. Panels shall be tensioned so that overlapping edges are even and without appreciable gaps or sag.
3. Slits shall be cut in the panels to accommodate obstructions such as lights, fans, etc.
4. All edge cuts shall be supported by the adjacent panel or shall be taped with patch tape and stapled.

END OF SPECIFICATION