

Rockfon Artic

SECTION 095100 - ACOUSTICAL CEILINGS

PART 1 - GENERAL

1.1 SUMMARY

- A. Provide suspended ceiling acoustical ceiling panels and suspension systems of the following types:
 - 1. Rockfon Artic.
- B. Related Work: The following items are not included in this Section and are specified under the designated Sections:
 - 1. Section 092100 - PLASTER AND GYPSUM BOARD ASSEMBLIES for plaster and gypsum board walls and ceilings.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data, including maintenance data.
- B. Verification Samples: Submit 6 by 6 inch samples of specified ceiling panels and representative sample of exposed suspension system.
- C. USGBC LEED Submittals: Submit manufacturer's product data for the following LEED Credits:
 - 1. Credit MR 4 for LEED-NC, LEED-CI, LEED-CS, LEED for Schools: For products having recycled content, documentation indicating percentages by weight of postconsumer and pre-consumer recycled content. Include statement indicating costs for each product having recycled content.
 - 2. Credit EQ 4.1 for LEED-NC, LEED-CI, LEED-CS: For sealants applied during installation, documentation including printed statement of VOC content.
 - 3. Credit EQ 4 for LEED for Schools: Laboratory Test Reports for ceiling systems and sealants; documentation indicating that products comply with the testing and product requirements of the California Department of Health Services' Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers.
- D. Maintenance Materials: Submit full-size ceiling panels equal to 2 percent of quantity installed. Label and store where directed.

1.3 QUALITY ASSURANCE

- A. Pre-installation Conference: Conduct conference at Project site. Agenda shall include project conditions, coordination with work of other trades, and layout of items which penetrate ceilings.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Project Conditions: Protect system components from excessive moisture in shipment, storage, and handling. Deliver in unopened bundles and store in a dry place with adequate air circulation. Do not deliver material to building until wet conditions such as concrete, plaster, paint, and adhesives have been completed and cured to a condition of equilibrium.

1.5 WARRANTY

- A. Warranty: Provide manufacturer's standard limited warranty against manufacturing defects in material or workmanship.

PART 2 - PRODUCTS**2.1 MANUFACTURER**

- A. ROCKFON, LLC
 - 1. Address: 4849 S. Austin Avenue, Chicago IL 60638 USA
 - 2. Telephone: 1-800-323-7164
 - 3. Website: www.rockfon.com

2.2 SUSPENDED CEILING ACOUSTICAL CEILING SYSTEMS

- A. Basis-of-Design: Rockfon Artic.
 - 1. ASTM E1264 Classification: Type XX, Pattern G.
 - 2. Edges: [SQ] [SLN] [SL].
 - 3. Size: [24 by 24 inches] [24 by 48 inches] [24 by 60 inches] [20 by 60 inches].
 - 4. Thickness: [5/8 inch] [3/4 inch].
 - 5. NRC: 0.75.
 - 6. CAC: 23.
 - 7. Fire Class: Class A.
 - 8. Fire Performance UL 723 (ASTM E 84) Flame Spread / Smoke Developed: 0/5.
 - 9. Fire Performance CAN ULC S102 Flame Spread / Smoke Developed: 5/0.
 - 10. Light Reflectance: 0.85.
 - 11. Recycled Content: Up to 37 percent.

12. R Value (BTU Units): [2.2] [2.6].
13. RSI Value (Watts Units): [0.39] [0.46].

2.3 SUSPENSION SYSTEM

- A. Performance Standard: Suspension system manufacturer's standard direct-hung metal suspension system and attachment devices complying with project requirements and applicable building codes and regulations applicable at the location of the project and as follows:
 1. Structural Classification: Intermediate duty system, ASTM A 635.
 2. Face Design: Flat, flush.
 3. Cap Material: Steel cold-rolled sheet.
 4. Cap Finish: Factory painted white color.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Verify wet work such as plastering and concrete is complete and dry. Verify building is enclosed and under standard occupancy conditions (60 - 85 degrees F and not more than 70 percent relative humidity) prior to start of installation. Commencement of installation constitutes Installer's acceptance of substrate conditions.
- B. Install products in accordance with manufacturer's written instructions and in proper relationship with adjacent construction, including the following:
 1. Comply with ASTM C 636/C 636M and seismic design requirements indicated, according to manufacturer's written instructions and CISCA's "Ceiling Systems Handbook".
 2. Install hangers plumb and free from contact with insulation or other objects within ceiling plenum that are not part of supporting structure or of ceiling suspension system.
- C. Clean exposed surfaces in accordance with manufacturer's written instructions. Touch-up, repair or replace damaged units until satisfactory results are obtained.

END OF SECTION