

09 83 16 – Acoustic Ceiling Coating

DIVISION 9 – Finishes



STATEMENT OF PURPOSE & BACKGROUND

- Scope:
 - Field applied self-supported commercial sprayed acoustical system to ceilings, when specified, and where scheduled and shown on drawings.
 - Consider alternative acoustic products prior to specifying acoustic ceiling coating. SPPS Project Manager shall approve recommended locations for sprayed material in areas where alternative acoustical products are not practical.
 - This product is not a fireproofing material and shall not be considered as such.
- Statement of goals:
 - Provide a consistent, high quality acoustical system that is functional and aesthetic:
 - Is durable, safe, and secure
 - Reduces operating and replacement costs
 - Condensation control
 - Light reflective quality
 - Low emitting materials/no Urea-Formaldehyde resins
 - Sound absorption
 - Prevent mold cultures
 - Provide a consistent, high quality acoustical treatment system that is based on the following reports:
 - “St. Paul Public Schools Facility Planning: Acoustic Standards” prepared by Derrick Knight.
 - “Managing Noise Problems in Saint Paul Public School Gymnasiums, Cafeterias, Media Centers and Music Classrooms” prepared by SDA Consulting. Consult SPPS Project Manager for reports.
- Revision history of section:
 - 03/06/13
 - 6/19/18
 - 05/20/21 Revised and Moved to Division 9

SELECTION AND APPLICATION CRITERIA

Application	Selection	Notes
Plaster ceiling	1.5 “ min. monolithic coating, R 5.7 ,NRC .90	
Steel roof deck	1.5 “ min. monolithic coating R 5.7, NRC .90	
Conc. Double-Tees	1.5 “ min. monolithic coating R 5.7, NRC .90	

OUTLINE SPECIFICATION

- Part 1 General
 - Extra Materials
 - Contractor to not supply any additional attic stock unless directed otherwise by Owner.

- Part 2 Products
 - Equivalent manufacturers approved, in writing, in advance, by the Architect, may be substituted in accordance with the provisions of the Contract, except where noted as no substitution.
 - Acceptable manufacturers and applicators:
 - Acoustical Products
 - International Cellulose Corporation, K-13 spray or equivalent
 - Acoustical Applicators
 - For approved applicators contact ICC at 800-444-1252

- Part 3 Execution
 - Per Consultant and / or manufacturer specification.
 - Ceiling structures should be inspected for signs of weakness before determining a thickness for applying material to the ceilings of existing structure.

End of Section