



THE PROFESSIONALS' CHOICE  
FOR ACOUSTICAL TILE RESTORATION

# TECHNICAL DATA SHEET

ProCoat Acoustical Tile Coating  
Manufacturing Distribution

ProCoat Products, Inc  
Research Development

CSI DIVISION 9

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## 1. PRODUCT NAME

**ProCooustic** Acoustical Tile and Ceiling Coating

## 2. MANUFACTURER

**ProCoat Products Inc.**

260 Centre Street, Suite D

Holbrook, MA 02343

(781) 767-2270 FAX: (781) 767-2271

www.procoat.com E-mail: info@procoat.com

## 3. PRODUCT SUMMARY

**ProCooustic** is classified as a non-bridging specialty coating designed specifically for application to soiled/aged acoustical ceiling materials. **ProCooustic**, applied in accordance with recommended procedures, is radically superior to paints:

- One-coat application on most surfaces and up to 300 s.f. per gal. can be achieved depending upon porosity, color and texture of substrates
- Acoustical qualities of materials maintained or improved
- Will not stick tiles to grid system (non-bridging)
- No warping or other physical damage to tiles
- Non-yellowing surface color
- Grids and t-bars coated simultaneously
- Non-toxic and Class A Fire Retardant
- **ProCooustic** in white can be tinted to pastel colors
- Mid, neutral bases are needed for tinting to deep tones
- **ProCooustic** is a dry-fall product 2-3 feet below ceiling
- The application of **ProCooustic** will not prevent tiles from subsequent recycling
- Lumens testing results 50% increase in light reflectance

## 4. APPLICATION

### Area/Ceiling Preparation

- Replace broken, nicked, scratched, bowed and otherwise structurally damaged tiles (not necessarily with new tiles, but if new, place them in an obscure area since there may be a slight color contrast
  - Drape all exposed furniture, wall hangings, floors, etc. with **ProCoat PolyCover** to protect against dry-fall dust
  - Seal all water stains using a primer/sealer in aerosol
  - Nicotine should be treated with **ProCoat Tile & Ceiling Cleaner** to avoid bleed through
  - Mask sprinkler heads, light fixtures and other items to be protected against direct spray
  - T-bars and other non-porous surfaces to be coated must have all oil/grease/dirt removed if present, using **ProCoat Grid Cleaning Solution**, in order to ensure satisfactory bonding
  - When spraying, use a swivel attachment and extension poles to help keep the spray tip perpendicular to the ceiling, getting the **ProCooustic** into the pores and fissures of the tile or substrate
  - It is recommended that halogen lights be used to show missed areas if using tinted **ProCooustic**
- ### Product Preparation
- Consistent blending of solids is essential. Use of an electric drill and beater or extended shaking is recommended for best results.

- Strain foreign particles as a precaution against clogging of the nozzle.

### Equipment Selection

- **ProCooustic** may be applied with an airless sprayer at a pressure only high enough to achieve a solid spray fan and using a 0.013-0.017 spray tip
- **ProCooustic** should be applied at  $\pm$  1-mil wet per application with 50% overlap
- Consult a **ProCoat** representative for recommendations regarding the best choice of equipment & techniques for a particular application.

### Temperature

- **ProCooustic** should not be allowed to freeze. For best results, **ProCooustic** should be stored and applied at room temperature; i.e., not lower than 55-60 degrees

### Safety Notes

- All personnel in the immediate work area must wear protective goggles and dust masks.

## 5. PRODUCT ORIENTATION

Authorized dealers or manufacturer's representatives will provide direction with respect to:

- Cost effective application techniques
- Recommended application equipment
- Job bidding/cost estimating

## 6. TECHNICAL DESCRIPTION

More specific information, beyond that which is provided below, can be made available upon request

- Physical Form: Smooth, black, pourable liquid
- Shelf Life: Twelve month minimum when tightly sealed and not frozen
- Weight: 10.4 lbs. Per gallon
- Specific Gravity: 1.26
- Typical Viscosity: 70 to 75 Krebs Units, at 75° F
- Solids: 40%  $\pm$  1%

## 7. FIRE RATING

Steiner Tunnel Test (ASTM E-84) results reflect a Class A rating (0-25 flame spread) when applied to the surface of acoustical ceiling tiles at a rate of 300 sf. per gallon.

Surface Treatment	Without <b>ProCooustic</b>	With <b>ProCooustic</b>
Flame Spread	25	5
Smoke Developed	10	5

## 8. PRIMARY COMPOSITION

Vehicle-Vinyl Acrylic Resin  
Pigment-Black Calcium Carbonate, Silicate  
Wetting and Stabilizing Agents  
Water

## 9. ACOUSTICAL EFFECTS

When properly applied, the application of **ProCooustic** to the surface of an acoustical ceiling tile will slightly improve the sound absorbing characteristics of the tile. Test results are available upon request from the manufacture.