SECTION 09 96 00

VIBRATION ABSORPTION COATING

Display hidden notes to specifier. (Don't know how? [Click Here](http://www.arcat.com/sd/display_hidden_notes.shtml))

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\*\* NOTE TO SPECIFIER \*\* PABCO® Gypsum; wallboard, gypsum and sealants.  
This section is based on the products of PABCO® Gypsum, which is located at:  
10600 White Rock Rd. Bldg B, Suite 100  
Rancho Cordova, CA 95670  
Tel: 510-792-9555  
 Tech Services 866-282-9298  
 QuietRock Support 800-797-8159  
Fax: 510-459-4913  
Email: [request info (info@quietrock.com)](http://admin.arcat.com/users.pl?action=UserEmail&company=PABCO)  
Web: [www.pabcogypsum.com](http://www.pabcogypsum.com)   
 [ [Click Here](http://www.arcat.com/arcatcos/cos34/arc34639.html) ] for additional information.  
PABCO Gypsum, a division of PABCO Building Products, has provided quality gypsum board products and service for over 35 years, and is a part of Pacific Coast Building Products, one of the nation's leading, privately held suppliers of building products and services to the construction industry. The company employs individuals in 11 states in the western U.S. and Canada and has over 75 locations.

1. GENERAL
   1. SECTION INCLUDES
      1. Vibration absorption coating.
   2. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 13 48 13 - Manufactured Sound and Vibration Control Components.
  1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. ASTM International (ASTM):
       1. ASTM D562: Standard Test Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer.
       2. ASTM E 756: Standard Method for Measuring Vibration-Damping Properties of Materials.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data: Submit manufacturer current technical literature for each component.
     3. Quality Assurance/Control Submittals:
        1. Test Reports: Upon request, provide test reports from recognized testing laboratories.
        2. Certificates: Submit manufacturer's certificate that products meet or exceed specified requirements.
     4. Closeout Submittals: Submit the following:
        1. Warranty documents specified herein.
  2. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Minimum 5 year experience manufacturing similar products.
     2. Installer Qualifications: Minimum 2 year experience installing similar products.

\*\* NOTE TO SPECIFIER \*\* Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
       1. Finish areas designated by Architect.
       2. Do not proceed with remaining work until workmanship is approved by Architect.
       3. Refinish mock-up area as required to produce acceptable work.
  1. PRE-INSTALLATION MEETINGS
     1. Convene minimum two weeks prior to starting work of this section.
  2. DELIVERY, STORAGE, AND HANDLING
     1. General: Comply with Division 1 Product Requirements Section.
     2. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
     3. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.
        1. Do not allow product to freeze before application.
        2. Store all products in a dry location until use.
  3. PROJECT CONDITIONS
     1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
  4. SEQUENCING
     1. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.
  5. WARRANTY
     1. Project Warranty: Refer to Conditions of the Contract for project warranty provisions.
     2. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under contract documents.

\*\* NOTE TO SPECIFIER \*\* Coordinate subparagraph below with manufacturer's warranty requirements.

* + 1. Warranty Period: \_\_\_\_\_\_ years beginning with Date of Substantial Completion.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: PABCO® Gypsum, which is located at: 10600 White Rock Rd. Bldg B, Suite 100; Rancho Cordova, CA 95670; Tel: 510-792-9555; Tech Services 866-282-9298; QuietRock Support 800-797-8159; Fax: 510-459-4913; Email: [request info (info@quietrock.com)](http://admin.arcat.com/users.pl?action=UserEmail&company=PABCO); Web: [www.pabcogypsum.com](http://www.pabcogypsum.com)

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
    2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
  1. MATERIALS

\*\* NOTE TO SPECIFIER \*\* Paragraphs below list proprietary sound and vibration control products offered by PABCO® Gypsum Select products appropriate to project. Consult manufacturer regarding product options. Select product characteristics required; delete characteristics not required.

* + 1. Vibration Absorption Coating: QuietCoat 118:
       1. Density: Wet - 12.58 lbs/gallon; Dry - 8.5 lbs/gallon.
       2. Solids Content: 77% by weight.
       3. Viscosity: 4000 centipoise. (ASTM D562).
       4. VOC: < 30 g/L.
       5. Peak Loss Factor: 0.7 (ASTM E 756).

\*\* NOTE TO SPECIFIER \*\* Insert thickness below per project requirements. Manufacturer's range is between 0.04 - 0.120 inches (1.0 - 3.0 mm).

* + - 1. Thickness: \_\_\_\_.
    1. Vibration Absorption Coating: QuietCoat 119:
       1. Density: Wet - 12.58 lbs/gallon; Dry - 8.5 lbs/gallon.
       2. Solids Content: 77% by weight.
       3. Viscosity: 4000 centipoise. (ASTM D562).
       4. VOC: < 30 g/L.

\*\* NOTE TO SPECIFIER \*\* Insert thickness below per project requirements. Manufacturer's range is between 0.04 - 0.120 inches (1.0 - 3.0 mm).

* + - 1. Thickness: \_\_\_\_\_.

1. EXECUTION
   1. EXAMINATION
      1. Site Verification of Conditions: Verify that substrate conditions, which have been previously installed under other sections, are acceptable for product installation in accordance with manufacturer's instructions.
   2. PREPARATION
      1. Clean surfaces thoroughly prior to installation.
      2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the Project conditions.
      3. Remove all loose paint or rust.
      4. For additional adhesion, Wipe down metal surfaces with distilled white vinegar or other slightly acidic solution.
      5. Product shall not be allowed to freeze prior to use or while it is curing.
      6. Do not thin the material.
   3. INSTALLATION
      1. Compliance: Comply with manufacturer's product data, including product technical bulletins, product catalog installation instructions and product carton instructions for installation.
      2. Brush Application:
         1. Apply up to 3/64 (1 mm) of material onto surface.
         2. Allow first coat to dry.
         3. Repeat steps 1 and 2 until desired thickness is achieved.
      3. Pressure Pot Air Spray Application:
         1. Use a Binks pressure pot air spray system with a Binks 2001 spray gun with a 68 tip or equivalent. Set the fluid pressure to 70 psi and the atomization pressure to 40 psi.
         2. Apply up to 3/64 (1 mm) of material onto surface.
         3. Allow first coat to dry.
         4. Repeat steps 1 and 2 until desired thickness is achieved.
      4. Airless Spray Application:
         1. Use a Graco airless sprayer or equivalent that will develop 4000 psi with a 19 mil tip.
         2. Apply up to 3/64 (1 mm) of material onto surface.
         3. Allow first coat to dry.
         4. Repeat steps 1 and 2 until desired thickness is achieved.
      5. Air Assisted Airless Spray Application:
         1. Use a Graco air assisted airless spray system such as a 33:1 Bulldog or a 68:1 King Cart Mounted Airless Packages or equivalent with a 19 mil tip.
         2. Apply up to 3/64 (1 mm) of material onto surface.
         3. Allow first coat to dry.
         4. Repeat steps 1 and 2 until desired thickness is achieved.
   4. PROTECTION
      1. Protect installed products until completion of project.
      2. Touch up, repair or replace damaged products prior to Substantial Completion.

END OF SECTION