

Three Part Specifications for Green Glue

This specification is for Green Glue for use in a variety of applications.

Revised November 13, 2006

SECTION 13 48 13 MANUFACTURED SOUND AND VIBRATION CONTROL COMPONENTS

PART 1 - GENERAL

1.1 - SUMMARY

Specifier Note: Delete all items not pertinent to job

- A. Section Includes: vibration absorption material.

1.2 - REFERENCES

Specifier Note: Delete all items not pertinent to job

- A. General: Standards listed by reference, and are identified by issuing authority, authority abbreviation, designation number or title by issuing authority.
- B. American Society for Testing and Materials (ASTM):
 - 1. ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials.
 - 2. ASTM E90-02 Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions.

1.3 - SYSTEM DESCRIPTION

Specifier Note: Delete all items not pertinent to job

- A. Design Requirements: Provide products and systems that have been manufactured, fabricated and installed to meet the following criteria:
 - 1. [Specify system design criteria].
- B. Performance Requirements:
 - 1. [Specify system performance criteria].

1.4 - SUBMITTALS

Specifier Note: Delete all items not pertinent to job

- A. Product Data: Submit manufacturer's product data and installation instructions.

1.5 - QUALITY ASSURANCE

Specifier Note: Delete all items not pertinent to job

- A. Installer Qualifications: Utilize an installer with experience with similar projects.
- B. Materials Qualifications: Provide ASTM test reports from independent laboratories with NVLAP certification of standards compliance, documenting product performance specified for:
 - 1. Acoustical properties
 - 2. Physical properties
 - 3. Fire-related properties
- C. Receiving, Storage and Handling
 - 1. Verify the quantity and condition of materials received.
 - 2. Provide secure area for storage.
 - 3. Keep material from freezing, keep above 40 degrees F.
- D. 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 absolute limits.

PART 2 - PRODUCTS

2.1 - MANUFACTURERS

Specifier Note: Delete all items not pertinent to job

- A. Manufacturer: The Green Glue Company
 - 1. Substitutions shall not be considered

2.2 - MATERIALS

Specifier Note: Delete all items not pertinent to job

- A. Provide Green Glue Viscoelastic damping compound
 - 1. Substitutions shall not be considered.
- B. Physical Properties:
 - 1. Active Content: 68% +/-5%
 - 2. Working Time: 30 minutes at room temperature
 - 3. Viscosity: Light Paste 65,000 cpd
 - 4. Color: Green
 - 5. VOC: >2 g/l
 - 6. Flash Point: >200 degrees F
 - 7. Application Temperature: 40 to 90 degrees F
- C. Fire-related Properties:
 - 1. Product is able to be inserted into fire-rated assembly per the International Building Code.

PART 3 - EXECUTION

Specifier Note: Delete all items not pertinent to job

3.1 - EXAMINATION

- A. Verification of Site Conditions
 - 1. Do not begin installation until substrates have been properly prepared.
 - 2. Do not begin if room temperature is below freezing.

3.2 - PREPARATION

- A. Clean surfaces thoroughly before installation.
- B. Follow the manufacturer's guidelines for preparation and installation.

3.3 - GENERAL MANUFACTURER'S INSTRUCTIONS

- A. Refer to and comply with manufacturer's installation instructions.
- B. Green Glue allows for 30 minutes of work time, however, assemble the panels as soon as possible.
- C. Green Glue will reach optimal performance in 30 days after assembly.
- D. Cleanup with soap and water while glue is wet.
- E. Green Glue contains no hazardous materials. Dispose of empty containers as you would any building material.

3.4 - INSTRUCTIONS FOR USING GREEN GLUE WITH DRYWALL

- A. Construct standard wall framing.
- B. Install the first standard layer of drywall as normal.
- C. Remove any dust or debris from drywall surfaces to be glued.
- D. Apply prescribed quantity of Green Glue in a random pattern to the back of the second layer of drywall.
- E. Assemble the coated drywall layer to the first layer and screw into place as normal.
 - 1. Use standard drywall screws.
 - 2. Screw the second layer into the wall studs.
 - 3. Screw spacing according to local building code.
- F. Seal the assembly with caulk or sealant.
 - 1. Seal the intersection of the wall and floor.
 - 2. Seal any gaps between walls and ceiling.
 - 3. Seal the electrical boxes.
- G. Drywall can be finished immediately after wall assembly

3.5 - PROTECTION

- A. Protect installed products until completion of project.
- B. Repair or replace any mechanical damage or deficiencies before Substantial Completion.

END OF SECTION