



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.