

#### **GENERAL NOTES TO SPECIFIERS**

This specification section has been prepared in accordance with the guidelines established by the Construction Specifications Institute (CSI). It is assumed that project manual will contain complete Division One General Requirements, including Sections 102513 – Product Substitution Procedures, 013300 - Submittal Procedures, 016200 – Product Options, 016600 – Product Storage and Handling Requirements, 017700 – Closeout Procedures and 017800 – Closeout Submittals—or will be formatted in accordance with AIA A2021 General Conditions.

This document specifies FibaFuse™ Paperless Drywall Tape, a paperless joint treatment tape. This product is manufactured by Saint-Gobain Technical Fabrics. Revise MasterFormat section number and title below to suit project requirements, specification practices and section content. Refer to CSI MasterFormat for other section numbers and titles.

### **SECTION 09 29 14** **(MASTERFORMAT 2004 Edition)**

## **Gypsum Board – Joint Tape**

### **PART 1 GENERAL**

Specifier Note: Article below may be omitted when specifying manufacturer's proprietary products and recommended installation. Retain Reference Article when specifying products and installation by an industry reference standard. If retained, list standard(s) referenced in this section. Indicate issuing authority name, acronym, standard designation and title. Establish policy for indicating edition date of standard referenced. Conditions of the Contract may establish the edition date of standards. This article does not require compliance with standard, but is merely a listing of references used. Article below should list only those industry standards referenced in this section.

#### **1.01 SECTION INCLUDES**

- A. FibaFuse™ paperless joint treatment tape.

#### **1.02 RELATED SECTIONS**

- A. Section 07 91 00 Joint Sealing
- B. Section 08 31 00 Access Doors & Panels
- C. Section 09 20 00 Plaster and Gypsum Board
- D. Section 09 26 00 Veneer Plastering
- E. Section 09 70 00 Wall Finishes
- F. Section 09 90 00 Painting & Coating

#### **1.03 SUBMITTALS**

- A. Changes in specification may not be made after the bid date.
- B. Product Literature: Manufacturer's printed product information and data sheets indicating material compliance and specified options submitted prior to installation.

#### **1.04 QUALITY ASSURANCE**

- A. The contractor shall have a minimum of 2 years experience in prior gypsum wall system installation and finishing drywall wall systems and shall provide trained laborers with prior experience in the type of construction involved as well as experience installing the materials and techniques specified.
- B. The product in this section shall be obtained from an authorized supplier unless otherwise indicated.
- C. Completed installations shall conform to all applicable state regional and local codes and regulations.

#### **1.05 REFERENCES**

- A. ASTM C474-05 – Standard Test Methods for Joint Treatment Material
- B. ASTM C840-08 – Standard Specifications for Application and Finishing of Gypsum Board
- C. ASTM D578-05 – Standard Specifications for Glass Fiber Strands
- D. ASTM D3272-05 - Standard Test Method for Resistance to Growth of Mold on Interior Surface Coatings in an Environmental Chamber
- E. ISO 2087 – Textile Glass – Yarns Designation
- F. GA-214 - Gypsum Association Recommended Levels of Gypsum Board Finish
- G. GA-216 – Gypsum Association Recommended Specification of the Application and Finishing of Gypsum Board

#### **1.06 WARRANTY**

- A. The Manufacturer offers a Limited Warranty against defects in materials and workmanship and is limited only to the replacement of materials. Warranty is effective only when product is applied in accordance with manufacturer's published installation instructions. Contact manufacturer for more specific information.

#### **1.07 PROJECT CONDITIONS**

- A. Establish and maintain environmental conditions for the application and finishing of gypsum board joints to comply with ASTM C840-08 and GA-216.
- B. Ventilate work area to remove moisture not required for drying joint treatment materials. Avoid drafts during dry, hot weather to prevent materials from drying too fast.

### **PART 2 PRODUCT**

#### **2.01 MANUFACTURER**

- A. Saint-Gobain Technical Fabrics  
1795 Baseline Road  
Grand Island, NY 14072  
800-762-6694  
716-775-3902 (Fax)  
www.fibafuse.com

## **2.02 MATERIALS**

- A. Paperless, pre-creased joint tape consisting of non-woven M type fiberglass (E-glass) staple fibers impregnated with a resin that is 2-1/16-inches (52.4 mm) wide with a weight of 1.10 lb/100-ft<sup>2</sup> and a Tensile Strength of 60 lb/3-inch Warp and 30 lb/3-inch Weft.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Examine areas on gypsum surface where joint procedures are required. Verify that gypsum panels are properly adhered to substrates and fit snugly against supporting framework.
- B. Verify that the area is safe, clean and in compliance with all Federal, state and local regulations.
- C. Verify that all applicable surfaces are acceptable for finishing.

### **3.02 PREPARATION**

- A. Product at jobsite should be packaged in manufacturer's original, undamaged containers with identification labels intact.
- B. Mix joint compound in accordance with manufacturers printed instructions. Add approximately 10% more water to mix than typically used for paper tape.
- C. In areas where joint treatment procedures will be performed, temperature should be maintained at a minimum of 55 degrees F (13 degrees C) for 24 hours prior to finishing and until all joints are thoroughly dry.

### **3.03 INSTALLATION**

- A. Adhere to all procedures and requirements provided by joint compound manufacturer regarding the embedding, finishing, drying and the application of subsequent coats of compound to seam joints before and after paperless joint tape is applied.
- B. **HAND APPLICATION TO FLAT SEAMS**
  - 1. Apply compound to seam joint as per manufacturer's recommendations.
  - 2. Apply paperless tape over joint seam and compound.
  - 3. Cut or tear tape at end of seam joint.
  - 4. Trowel compound over tape to embed it over joint seam and remove excess compound.
  - 5. Apply a second finish coat over joint seam after first coat has thoroughly dried.
  - 6. Sand to a smooth finish after second coat is dry.
  - 7. Apply additional coats as needed after prior coat has dried.
- C. **CORNER APPLICATION**
  - 1. Apply compound to corner joint as per manufacturer's recommendations.

2. Apply paperless tape utilizing pre-formed center crease line.
3. Embed tape into joint with a corner trowel or similar corner tool. Be sure all surfaces of the trowel are flush to the respective wall surface.
4. Apply a second finish coat after first coat has thoroughly dried.
5. Sand to a smooth finish and apply additional coats as needed after prior coat has dried.

- D. Level of finish shall be as per GA-214 specifications.
- E. If automatic taper is used, load like paper tape but you must disengage the advance pin and manually index the tape.
- F. If used in Banjo taper, insert roll normally but bring tape around lower guide pin only. The paperless tape will spool from the opposite side of the tool compared to paper tape.
- G. Paperless tape can be used in Super Taper just like paper tape.
- H. To repair a tear, add compound and a small piece of paperless tape to the damaged area. There is no need to remove damaged tape.
- I. Add compound to fix any dry spots.
- J. Finish joint to comply with ASTM C840-08 and GA-216 standards. Comply with all government codes and regulations, where applicable.

#### **3.04 TOLERANCES**

- A. Maximum variation of finished gypsum board surface from true flatness should be less than or equal to 1/8-inch (1.5 mm) in 10 feet (3048 mm) in any direction.

#### **3.04 CLEANING**

- A. Use necessary care to prevent the tracking of joint compound debris onto floor surfaces.
- B. Clean up tape scraps, other unused materials and debris, and remove from job site.

**END OF SECTION**