

## SECTION 09250

### GYPSUM BOARD

THIS IS AN ABBREVIATED SPECIFICATION INTENDED TO ASSIST DESIGN PROFESSIONALS IN MODIFYING STANDARD "GYPSUM BOARD" 3-PART SPECIFICATIONS TO INCLUDE **HYDROTRIM™** DRYWALL TRIM ACCESSORIES MANUFACTURED BY **STRUCTUS BUILDING TECHNOLOGIES, INC.**

IF REQUESTED, **STRUCTUS BUILDING TECHNOLOGIES** WILL MAKE THE NECESSARY MODIFICATIONS TO YOUR SPECIFICATION. FAX OR E-MAIL US YOUR CURRENT SPECIFICATION— WE WILL MAKE THE NECESSARY CHANGES AND RETURN THEM TO YOU, USUALLY WITHIN 48 HOURS.

FAX NUMBER: (541) 389-7207                      E-MAIL: TWRIGHT@STRUCTUS.COM

THIS SPECIFICATION FOLLOWS GUIDELINES ESTABLISHED BY THE CONSTRUCTION SPECIFICATIONS INSTITUTE (CSI). ONLY THE ARTICLE AND PARAGRAPHS REQUIRING MODIFICATION ARE INCLUDED.

SAMPLE MODIFICATIONS ARE PROVIDED FOR APPLICABLE ARTICLES IN PART 1–GENERAL, PART 2–PRODUCTS, AND PART 3–EXECUTION FOLLOWING THE CSI RECOMMENDED "SECTION FORMAT." ARTICLES AND PARAGRAPHS HEREIN ARE NUMBERED CONSECUTIVELY AND WILL, THEREFORE, NOT LIKELY BE AN EXACT MATCH TO ANY PARTICULAR SPECIFICATION. ARTICLE AND PARAGRAPH TITLES AND NUMBERS, AND THE SPECIFIC LOCATION USED TO SPECIFY ACCESSORIES COULD VARY FROM THOSE INDICATED. THESE SAMPLES SHOULD BE EDITED ACCORDINGLY TO FIT THE APPROPRIATE SPECIFICATION.

NOTES TO THE SPECIFIER ARE CONTAINED IN BOXES.

OPTIONAL ITEMS REQUIRING SELECTION BY THE SPECIFIER ARE ENCLOSED WITHIN BRACKETS, E.G: [35] [40] [45]. MAKE APPROPRIATE SELECTIONS AND DELETE OTHERS.

#### PART 1 - GENERAL

##### 1.01 SUMMARY

###### A. Section Includes:

INCLUDE THE FOLLOWING SUBPARAGRAPH:

1. Fully bonded paper faced and self-adhesive joint tape backed copolymer plastic trim accessories.

##### 1.02 REFERENCES

INCLUDE THE FOLLOWING REFERENCES:

- A. ASTM D 1037-99 – Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials.
- B. ASTM E 72-98 – Standard Test Methods of Conducting Strength Tests of Panels for Building Construction
- C. ASTM C 1047-09 – Standard Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base
- D. NAHB – Task 2.0 Testing Program.

E. ASTM E 84 – Standard Test Method for Surface Burning Characteristics

1.03 SUBMITTALS

A. Submit following items:

1. Quality Assurance/Control Submittals:

INCLUDE THE FOLLOWING SUB PARAGRAPHS:

- a. Test Reports: Impact and racking test reports for corner trim.
- b. Manufacturer’s installation instructions for corner trim.

**PART 2 - PRODUCTS**

2.01 MANUFACTURERS

IF THE SPECIFICATION BEING MODIFIED INCLUDES A GENERAL LIST OF MANUFACTURERS, ADD **STRUCTUS BUILDING TECHNOLOGIES** TO THE LIST. IF THE SPECIFICATION INCLUDES A LIST OF MANUFACTURERS WITH SPECIFIC PRODUCT CATEGORIES ADD **STRUCTUS BUILDING TECHNOLOGIES** TO THE CATEGORY THAT COVERS TRIM ACCESSORIES.

2.02 ACCESSORIES

DELETE EXISTING SPECIFICATIONS FOR CORNER BEAD AND L-TRIM ACCESSORIES AND SUBSTITUTE THE FOLLOWING:

- A. Corner Trim, Edge Trim, Inside Corner Trim: **HYDROTRIM™** copolymer tapered plastic trim with paper face and self-adhesive joint tape backing as manufactured by Structus Building Technologies. Trims shall be engineered for fully bonded self-adhesive application with water and without mechanical fasteners.
  - 1. Types:
    - a. **HYDROTRIM™** :
  - 2. Required Tests: NAHB Research Center, Task 2.0 Testing Program.
    - a..... Impact Test: ASTM D 1037 (modified), drop height of initial failure..... 96 in. (1830 mm) minimum.
    - b. Racking Test: ASTM E 72 (modified), deflection at failure ..... No failure to maximum test deflection.
  - 3. Bondable Area: Corner trim, minimum 45 sq. in. per lineal foot.

**PART 3 - EXECUTION**

3.01 INSTALLATION

COORDINATE TERMINOLOGY FOR INSTALLATION OF TRIM ACCESSORIES WITH 2.02 ABOVE. Corner Trims: Install by activating self-adhesive joint tape paper with water, without mechanical fasteners and in accordance with manufacturer’s instructions.

3.02 FINISHING

MODIFY FINISH REQUIREMENTS TO ASSURE THAT JOINT TAPE IS NOT PLACED OVER CORNER TRIM FLANGES. INCLUDE FOLLOWING PARAGRAPH:

- A. Apply joint compound to corner trim edges in accordance with manufacturer’s instructions. Sand after final coat.

END OF SECTION<sup>1</sup>

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<sup>1</sup> This specification was prepared specifically for No-Coat Products by Architectural Specification Consultants. Comments or suggestions for improvement should be addressed to: ASC; 311 Wayne Ave., No. 1; Oakland, CA 94606-1124; Tel: (510) 893-3704.

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