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SECTION 09 72 00

PREFINISHED GYPSUM BOARD

THIS SECTION IS WRITTEN IN CSI 3-PART FORMAT AND IN CSI PAGE FORMAT; THE PROJECT NAME, PROJECT NUMBER, DATE, AND SECTION TITLE IN THE FOOTER ARE OPTIONAL. NOTES TO THE SPECIFIER, SUCH AS THIS, ARE INDICATED WITH A ## SYMBOL AND MUST BE DELETED FROM THE FINAL SPECIFICATION.

IT IS ASSUMED THAT THE GENERAL CONDITIONS BEING USED ARE AIA A201.

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes: Factory finished gypsum wallboard with trim system for joints.

EDIT LIST BELOW TO CONFORM TO PROJECT REQUIREMENTS. VERIFY SECTION NUMBERS AND TITLES.

- B. Related Sections:
1. Section 06 10 00, Rough Carpentry.
2. Section 09 29 00, Gypsum Board.

USE THE PARAGRAPH BELOW TO IDENTIFY ALTERNATES DESCRIBED IN DIVISION 01, SECTION 01 23 00, THAT INCLUDE WORK OF THIS SECTION.

C. Alternates:

1.02 REFERENCES

DELETE REFERENCES NOT USED IN PARTS 1, 2 OR 3.

- A. American Society for Testing and Materials (ASTM):
1. C 557, Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing.
2. C 954, Specification for Steel Drill Screws for the Application of Gypsum Board or Metal Plaster Bases to Steel Studs from 0.33 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness.
3. C 960, Specification for Predecorated Gypsum Board.
4. C 1002, Specification for Steel Drill Screws for the Application of Gypsum Board or Metal Plaster Bases.

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- 5. C 1396, Specification for Gypsum board.
- 6. E 84, Test Method for Surface Burning Characteristics of Building Materials.

1.03 SYSTEM DESCRIPTION

RETAIN BELOW IF LISTED MATERIALS ARE REQUIRED.

- A. Performance Requirements: Provide UL listed materials with fire hazard classification of wall panel, as determined by ASTM E 84, as follows:

VINYL DURASAN MEETS FLAME SPREAD BELOW.

- 1. Flame spread not more than 25.

VINYL DURASAN MEETS SMOKE DEVELOPED BELOW.

- 2. Smoke developed of not more than 50.

1.04 SUBMITTALS

- A. Product Data: Manufacturer's specifications and installation instructions for each product specified.

DELETE SAMPLE PARAGRAPH BELOW IF PATTERNS AND COLORS ARE SPECIFIED.

- B. Samples: Min. 2 in. by 5 in. samples of manufacturer's full range of patterns and colors for each panel covering material specified.

- C. Contract Closeout Submittals:

- 1. Operation and Maintenance Data: Manufacturer's cleaning recommendations for each product specified.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Packaging and Shipping: Have materials shipped in manufacturer's original packages showing manufacturer's name and product brand name.
- B. Storage and Protection: Store materials inside and protected from damage by the elements. Protect ends, edges, and faces of gypsum wall panels from damage.

1.06 PROJECT CONDITIONS

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RETAIN BELOW IF ADHESIVE METHOD OF APPLICATION IS SPECIFIED.

- A. Environmental Requirements: Store adhesive at 70 deg. F for a min. of 24 hours before application and maintain an ambient temperature during application between 55 deg. F and 70 deg. F.

1.07 MAINTENANCE

USE THE PARAGRAPH BELOW TO SPECIFY "ATTIC STOCK." INSERT A SPECIFIC NUMBER OF PANELS FOR EACH TYPE OF DURASAN SPECIFIED, MAY ALSO BE SPECIFIED AS A PERCENTAGE OF INSTALLED PANELS OF EACH TYPE. VERIFY THAT OWNER HAS ADEQUATE STORAGE SPACE.

- A. Extra Materials:

PART 2 PRODUCTS

2.01 MANUFACTURERS

EDIT LIST BELOW TO CONFORM TO PROJECT REQUIREMENTS. IF OTHER MANUFACTURERS ARE BEING ADDED TO THIS SECTION, THEN ADD LISTINGS OF THEIR PROPRIETARY PRODUCT NAMES.

PROPRIETARY PRODUCT NAMES OF PREFINISHED GYPSUM BOARD AND THE MATERIALS USED TO FABRICATE THE PANEL MAY BE LISTED IN THIS ARTICLE OR IN THE "MATERIALS" ARTICLE BELOW. LISTING THEM IN BOTH ARTICLES IS OVERKILL AND INVITES COORDINATION ERRORS.

- A. National Gypsum Company.

1. Gypsum Board:

- a. Regular Prefinished Board: Durasan Brand Gypsum Wallboard.
- b. Fire-Rated Prefinished Board: Durasan Brand Fire-Shield Prefinished Wallboard.

2. Panel Covering: National Gypsum Vinyl Durasan.

3. Accessories:

- a. Trim: Durasan Matching Trim, Snap-On.
- a. Trim: Durasan Matching Trim, One Piece (vinyl).
- c. Clips: Edge Grip Clips.
- e. Adhesive: ProForm Brand All Purpose Joint Compound.
- f. Adhesive: ProForm Brand Sta-Smooth Joint Compound

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2.02 MATERIALS

THIS ARTICLE INCLUDES GENERIC DESCRIPTIONS OF PREFINISHED GYPSUM BOARD CONSTRUCTION PRODUCTS AND, THE NAMES OF THE CORRESPONDING NATIONAL GYPSUM PRODUCTS FOLLOW IN PARENTHESIS. IF THIS SECTION IS BEING EDITED TO BE GENERIC, THEN THESE PRODUCT NAMES SHOULD BE DELETED.

IF OTHER MANUFACTURERS ARE BEING ADDED TO THIS SECTION, THEN ADD THE PROPRIETARY PRODUCT NAMES OF THOSE MANUFACTURERS. IF PROPRIETARY NAMES ARE LISTED IN THE "MANUFACTURERS" ARTICLE ABOVE THEN, DELETE THEM FROM THIS ARTICLE ALTOGETHER.

A. Gypsum Board:

1. Prefinished Gypsum Board: Gypsum core wall panel surfaced on front and long edges with vinyl and complying with ASTM C 960/C 1396 (Durasan Brand Prefinished Wallboard).
 - a) Thickness: 1/2 in.
 - b) Width: 4 ft.
 - c) Length: 8 ft. through 14 ft.
 - d) Edges: Beveled.
2. Fire-Rated Prefinished Gypsum Board: A gypsum core wall panel with additives to enhance fire resistance of the core and surfaced with vinyl on front and long edges and complying with ASTM C 960/C 1396, Type X (Durasan Brand Fire-Shield Prefinished Wallboard).
 - a) Thickness: 5/8 in.
 - b) Width: 4 ft.
 - c) Length: 8 ft. through 14 ft.
 - d) Edges: Beveled.

B. Panel Covering:

NATIONAL GYPSUM STANDARD COVERING MATERIALS ARE SPECIFIED BELOW. ALMOST ANY WALL COVERING MATERIAL CAN BE USED FOR A DURASAN PANEL, CONSULT WITH YOUR NATIONAL GYPSUM REPRESENTATIVE FOR DETAILS.

1. Vinyl Film: Vinyl film without backing (National Gypsum Vinyl Durasan).
 - a) Thickness: 0.004 in. and 0.006 in.

SELECT THICKNESS ABOVE. INSERT PATTERN AND COLOR BELOW. DELETE ALL THREE SUBPARAGRAPHS IF

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SELECTION WILL BE MADE DURING CONSTRUCTION PHASE.

- b) Pattern:
- c) Color:

C. Accessories:

USUALLY SELECT ONE OF THE TRIM OPTIONS BELOW.

1. Trim: Galvanized steel retainer and matching vinyl snap-on facing (Durasan Matching Trim, Snap-On).
 - a) Outside Corner: 1-5/8 in. by 1-5/8 in. face.
 - b) Interior (Batten): 1 in. face.
2. Trim: Extruded vinyl with vinyl facing to match panel covering (Durasan Matching Trim, One Piece).
3. Clips: Stamped and formed steel clip, Edge Grip Clips.
4. Screws: ASTM C 954 or ASTM C 1002 or both with threads, points, and finish as recommended by the manufacturer.
5. Adhesive: Drying type pre-mixed compound (ProForm Brand All Purpose Joint Compound).
6. Adhesive: Setting type job mixed chemical-hardening compound (ProForm Brand Sta-Smooth Joint Compound).
7. Nails: Painted stainless steel with a shank dia. of 0.145 in. and diamond embossed head, Color Pins.

PART 3 EXECUTION

3.01 INSTALLATION

A. In accordance with the following recommendations:

1. Manufacturers':
 - a. "Durasan Brand Prefinished Gypsum Wallboard" bulletin 110705; National Gypsum Company.

IF OTHER MANUFACTURERS WERE ADDED IN PART 2 THEN REFERENCE THEIR INSTALLATION RECOMMENDATIONS BELOW, INCLUDE TITLE AND PUBLICATION DATE.

- b.
- c.

3.02 PROTECTION

REVISE BELOW IF OTHER THAN AIA GENERAL CONDITIONS ARE USED.

A. Protect prefinished gypsum wall panel installations from

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damage and deterioration until the date of Substantial
Completion.

END OF SECTION