Submittal 09210

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Technical Information
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Veneer Gypsum Wallboard

VENEER PLASTER BASE

AMERICAN GYPSUM

1/2" x 4' x 12'

1/2" x 4' x 12'

AMERICAN GYPSUM

Panel de yeso

DESCRIPTION

American Gypsum's Veneer gypsum wallboard is ideally suited for veneer plaster systems. This plaster base is erected in the same manner as traditional drywall. The fire-resistant gypsum core is encased in a distinctive 100% recycled blue absorptive face paper and sturdy liner paper on the back side. The blue face paper controls water absorption, thus forming a strong bond between the panel and one or two coat veneer plaster products. The face paper is folded around the long edges to reinforce and protect the core, with the ends being square-cut and finished smooth while the long edges of the panels are tapered.

Veneer gypsum wallboard is available in: 1/2" panels with a non-rated core and a 5/8" Type X core for use in fire-rated assemblies.

American Gypsum products contain no asbestos and no detectable levels of formaldehyde.

BASIC USES

Veneer gypsum wallboard may be specified for both residential and or commercial buildings and on virtually all types of wall and ceiling assemblies, including wood or steel framing and or furring and masonry.

LIMITATIONS

Veneer gypsum wallboard is intended for interior applications only.

Avoid exposure to temperatures exceeding 125°F (52°C), e.g., located adjacent to wood burning stoves and or heating appliances.

Avoid exposure to excessive or continuous moisture before, during and after installation, e.g., swimming pools, saunas or steam rooms. Eliminate any sources of moisture immediately.

Veneer gypsum wallboard should only be used with veneer plaster products.

Veneer gypsum wallboard panels are a nonstructural product and should not be used as a nailing base.

Not to be used as a base for the adhesive application of ceramic tile.

Do not install Veneer gypsum wallboard too far in advance of plastering since the bond can be adversely affected if the face of wall panel becomes faded. If the panel does become faded, apply a bonding agent to obtain proper bond.

Veneer plaster systems are to be installed with maximum deflection criteria of L/240.

Spacing of wall or ceiling framing should not exceed the recommendations below:

MAXIMUM SPACING OF FRAMING FOR NEW CONSTRUCTION		
Thickness	Panel(s) and Finish Application	Spacing of the Framing
1/2"(12.7mm)	1 - layer of Veneer board & 1-coat veneer plaster system	16"(406mm)
1/2"(12.7mm)	1 - layer of Veneer board & 2-coat veneer plaster system	16"(406mm)
1/2"(12.7mm)	2 - layers of Veneer board & 1 or 2-coat veneer plaster	16"(406mm)
5/8"(15.9)	1 - layer of Veneer board & 1-coat veneer plaster system	24"(610mm)
5/8"(15.9)	1 - layer of Veneer board & 2-coat veneer plaster system	24"(610mm)
5/8"(15.9)	2 - layers of Veneer board & 1or 2-coat veneer plaster	24"(610mm)

STORAGE & HANDLING

Gypsum board does not generate or support the growth of mold when it is properly transported, stored, handled, installed, and maintained. However, mold spores are present everywhere and when conditions are favorable; mold can grow on practically any surface. GYPSUM BOARD MUST BE KEPT DRY to prevent the growth of mold.

Gypsum board must be stored in an area that protects it from adverse weather conditions, condensation, and other forms of moisture. Job site conditions that can expose gypsum board to water or moisture must be avoided.

Gypsum board must be protected during transit with a weather-tight cover in good condition. Plastic shipping bags are intended to provide protection during transit only and must be promptly removed upon arrival of the load. Failure to remove the shipping bag can increase the likelihood of developing conditions favorable to the growth of mold.

Gypsum board that has visible mold growth must not be used. For additional information, refer to Gypsum Association publication, "Guidelines for the Prevention of Mold Growth on Gypsum Wallboard" (GA-238-03), which can be found at www.americangypsum.com under "Technical Data" - click on Gypsum Association Literature.

Gypsum board must be stored off the ground and under protective cover. Sufficient risers must be used to assure support for the entire length of the wallboard to prevent sagging.

Gypsum board must be delivered to the job site as near to the time it will be used as possible. Individuals delivering gypsum board to jobsites should ensure that it is carried, not dragged, to place of storage/installation to prevent damage to finished edges.

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STORAGE & HANDLING

Gypsum board shall always be stacked flat - NEVER on edge or end. Gypsum board stacked on edge or end is unstable and presents a serious hazard should it accidentally topple. Gypsum board should be placed so weight is evenly distributed and the floor is not overloaded.

GOOD BUSINESS PRACTICES

Installation - The building temperature shall be maintained at not less than 55ºF (13ºC) for an adequate period before the application of plaster, while basecoat and or finish is being applied, and until the finish plaster is dry. Air circulation should be kept at a minimum level during this period. When a temporary heat source is used the temperature shall be not be more than 95°F (35°C) in any given room or area.

The design professional has the ultimate responsibility for location of control joints.

Veneer gypsum panels shall be isolated with control joints where: (1) Wall abuts a structural element (except floor) or dissimilar wall or ceiling. (2) Ceiling abuts a structural element, dissimilar wall or partition, or other vertical penetration (3) Construction changes within the plane of the partition or ceiling; (4) Wall run exceeds 30' (5) Ceiling dimensions exceed 30' without relief, or 50' with relief.

Decoration – Veneer plaster manufacture shall supply specifications for the decoration, care and cleaning of finished veneer plaster system.

APPLICABLE STANDARDS

Manufacturing	ASTM C 1396 section 10 (C 588) Federal Specification SS-L-30D Type VI Federal Specification SS-L-30D Type VI Grade X
Installation	ASTM C 843, C 844 Gypsum Association GA-151
Surface Burning Characteristics	ASTM E 84 Flame Spread 15 Smoke Developed 0

PRODUCT DATA

SIZES

Thickness	Widths	Lengths	Edge Type	UL Type
1/2" (12.7mm)	4' (1219mm)	12' (3658mm)	Tapered with Round Edge	
5/8" (15.9mm)	4' (1219mm)	12' (3658mm)	Tapered with Round Edge	AGX-1, AGX-11

Special lengths or edges may be available on special order. Consult your American Gypsum sales representative for details.

Thermal Resistance "R" Value 1/2" = 0.45
5/8" = 0.48

FIRE RESISTANCE RATINGS

Desired fire rated assemblies are specified from tests performed by independent laboratories. These designs are made up of specific materials in a precise configuration. When choosing construction designs to meet certain fire resistance requirements, vigilance must be taken to insure that each component of the selected assembly is the one specified in the test and are assembled in accordance with the requirements of the assembly.

SUBMITTAL APPROVALS

Job Name: _____

Contractor: _____ Date: _____