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Technical Information 1-800-545-6302 ext. 5607

ClassicRoc® Laminate Base **Gypsum Wallboard**

DESCRIPTION ClassicRoc® Laminate Base gypsum wallboard is a multipurpose building material that has notable advantages as a laminating substrate or as a furnace wall liner panel. The panel can be surfaced with a wide variety of decorative laminates for use as wall panels in manufactured housing or modular construction. ClassicRoc Laminate Base gypsum panels consist of a fire-resistant gypsum core that is encased in 100% recycled natural-finish paper on the face side and sturdy liner paper on the back side. The face paper is folded around the long edges to reinforce and protect the core, with the ends being square-cut and finished smooth. Long edges of the panels are also square for laminating purposes. American Gypsum products contain no asbestos and no detectable levels of formaldehyde.

GREENGUARD CERTIFIED ClassicRoc Laminate Base gypsum wallboard has achieved UL Environment's GREENGUARD GOLD Certification. GREEN-GUARD Certified products are scientifically proven to meet some of the world's most rigorous, third-party chemical emissions standards, helping reduce indoor air pollution and the risk of chemical exposure while aiding in the creation of healthier indoor environments.

BASIC USES American Gypsum's ClassicRoc Laminate Base gypsum wallboard is design to be used as a laminating base for a variety of surfacing materials or as a furnace wall liner panel. The square edge allows for tight fitting gypsum board with minimum trim selvedge. As a furnace wall liner panel it meets HUD fire safety requirements of a flame spread not over 25.

LIMITATIONS ClassicRoc Laminate Base 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.

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

STORAGE & HANDLING

For more information, visit www.ul.com/gg.

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

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), 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.

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.

APPLICABLE STANDARDS

Manufacturing	ASTM C 1396
Installation	Gypsum Association GA-216 Gypsum Association GA-214
Surface Burning Characteristics	ASTM E 84 Flame Spread 0 Smoke Developed 0

PRODUCT DATA

SIZES

Thickness	Widths	Lengths	Edge Type	UL Type
3/8" (9.5mm)	4' (1219mm)	7' - 14' (2134mm-4267mm)	Square	
1/2" (12.7mm)	4' (1219mm)	7' - 16' (2134mm-4876mm)	Square	
5/8" (15.9mm)	4' (1219mm)	7' - 12' (2134mm-3658mm)	Square	AGX-1, AGX-11

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

DIMENSIONS and TOLERANCES of GYPSUM WALLBOARD

Thickness: 3/8", 1/2" and 5/8" ASTM allowable variations are: In the nominal thickness of +/- 1/64" (0.4 mm) with local variations of +/- 1/32" (0.8 mm) from the nominal thickness.

Width: 4', ASTM allowable variation are: +0", - 3/32" (2.4 mm) Lengths: 7'-10', ASTM allowable variation are: +/- 1/4" (6.4 mm)

Corners: Square, ASTM allowable variation are: +/- 1/8" (3.2 mm) in the full width of the board

Thermal Resistance "R" Value 1/2" = 0.50 5/8" = 0.61

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.

Job Name:	
Contractor:	Date: