

GOLD BOND® BRAND GRIDSTONE® HI-STRENGTH GYPSUM CEILING PANELS

MANUFACTURER

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DESCRIPTION

Gold Bond® BRAND Gridstone® Hi-Strength Gypsum Ceiling Panels are prefinished ceiling panels with a non-combustible high strength gypsum core formulated with increased uniformity and integrity which increases its sag resistance.

BASIC USES

Gridstone Hi-Strength panels can be used for interior and exterior ceiling applications in protected, well-ventilated spaces that receive intermittent exposure to moisture.

Gridstone Hi-Strength panels are accepted by the USDA for use in food service and food processing areas.

Gridstone Hi-Strength panels are ideal for interior and unexposed exterior ceiling applications such as soffits, parking garages and other non-fire rated ceiling systems.

ADVANTAGES

- *Lightweight.* Gridstone Hi-Strength 5/16" panels are 40% lighter in weight than standard gypsum ceiling panels.
- *Quick, dry installation.* Gridstone Hi-Strength panels score and snap clean and install easily in standard exposed grid systems.
- *Pre-decorated.* The sturdy white vinyl laminate eliminates additional finishing.

GREENGUARD CERTIFIED

Gridstone Hi-Strength Gypsum Ceiling Panels are GREENGUARD Children & Schools™ Certified for indoor air quality.



LIMITATIONS

- Per ASTM C 840 section 17.3.1.1, do not install panels in areas exposed to extreme or continuous moisture, such as saunas, steam rooms, gang showers and indoor pool enclosures.
- For exterior application, protect grid panels from direct exposure to weather, water and continuous high humidity. Under no circumstances should water be in contact with the back of the panels.
- Overlaid insulation may cause excessive panel deflection and is not recommended where high humidity is likely to occur.
- Extreme lighting conditions may distort texture appearance.
- The use of strong organic solvents (such as ketones), harsh abrasive cleaners or steel wool are not recommended. These materials may

cause dulling, discoloration, softening and other permanent damage to the vinyl surface.

- Gridstone Hi-Strength panels are not listed in fire-rated assemblies.

TECHNICAL DATA

PHYSICAL PROPERTIES

Thickness, nominal	5/16" Regular (7.9 mm)
Width, nominal	2' (610 mm)
Length, standard	GB 5020 - 2' (610 mm) Actual size is 23-3/4" x 23-3/4" GB 5010 - 4' (1219 mm) Actual size is 23-3/4" x 47-3/4"
Weight, lbs./sq.ft., nominal	1.24
Finish	2 mil white stipple vinyl laminate
Surface Burning Characteristics (per ASTM E 84)	Flame Spread: 5 Smoke Developed: 0
Sound Attenuation (per ASTM E 1414) Ceiling Attenuation Class (CAC)	41dB NGC Report #6000001
Light Reflectance	LR 1 (75% or greater)

APPLICABLE STANDARDS AND REFERENCES

ASTM C 1396, Class I
ASTM E 1264, Type XX, Patterns E, G
National Gypsum Company, *Gypsum Construction Guide*

(Continued next page)

Job Name _____

Contractor _____ Date _____

Submittal Approvals: (Stamps or Signatures)

INSTALLATION

RECOMMENDATIONS

Gridstone Hi-Strength panels are designed to be mounted in standard 15/16" exposed tee grid systems or environmental type grids for severe conditions, with grids either 2' by 2' or 2' by 4'. Grid installation should be conducted according to manufacturer's specification.

Each panel must be supported on all four (4) edges.

Cross ventilation must be provided in unheated or enclosed space above ceiling panels.

General: Install panels in lay-in suspension systems with edges concealed by flanges of suspension members. Cut panels to fit tightly at borders and penetrations so that cut edges are concealed by trim pieces and escutcheons.

Cleaning: Common dirt and stains on the vinyl surface can be removed with mild soap or detergent in lukewarm water. Use a light scrubbing action with a cloth, sponge or soft brush.

If the suitability of any cleaning agent is unknown, check its effect on the Gridstone Hi-Strength panel surface in a hidden area or on a scrap piece before attempting to remove a field stain.

NOTE: Vinyl laminate on face of 2' x 2' Gridstone Hi-Strength panel is directional. Install with all factory edges parallel (same direction).

DECORATION

Gridstone Hi-Strength panels are factory-finished decorative products which do not require painting. However, if desired, Gridstone can be painted with the following products:

1. Two coats of an alkyd or latex enamel.
2. Oil primer with finish coat of oil or latex paint.
3. Two coats of latex paint.

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