GOLD BOND® BRAND GRIDSTONE® GYPSUM CEILING PANELS

MANUFACTURER

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DESCRIPTION

Gold Bond® BRAND Gridstone® Gypsum Ceiling Panels are prefinished ceiling panels with a noncombustible, Fire-Shield G gypsum core. The 2-mil. white, stipple-textured vinyl laminate combines high light reflectance with easy cleanability.

BASIC USES

Gridstone panels are ideal for interior and unexposed exterior ceiling applications such as soffits, parking garages, kitchens and baths.

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

ADVANTAGES

- *Quick, dry installation.* Gridstone panels install easily in standard exposed grid systems.
- *Fire-resistant.* A noncombustible gypsum core assures fire safety with 1 1/2- and 2-hour fire rating achievable depending on installation.
- *Pre-decorated.* The sturdy white vinyl laminate eliminates additional finishing.
- The product shall be maintained at a temperature between 60° and 104° Fahrenheit (16° - 40° Centigrade) and not exceed 90% relative humidity prior to, during and after installation.

GREENGUARD CERTIFIED

Gridstone 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.
- Can support 1.6 #/sq. ft. of insulation.
- 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.

TECHNICAL DATA

PHYSICAL PROPERTIES	
Thickness, nominal	1/2" Type X (12.7 mm)
Width, nominal	2' (610 mm)
Length, standard	GB 5044 - 2' (610 mm) Actual size is 23-3/4" x 23-3/4" GB 5045 - 4' (1219 mm) Actual size is 23-3/4" x 47-3/4"
Weight, lbs./sq.ft., nominal	2.18
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)	46dB NGC Report #6098001
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)

FIRE RATINGS BY TYPE & SIZE
(ASTM E 119)

Type	Size	Design	Rating
1/2" (12.7 mm) Fire-Shield G	2' x 2'	UL G222 FM FC 299	2 hr.
1/2" (12.7 mm) Fire-Shield G	2' x 4'	UL G259 FM FC 300	1 1/2 hr.

INSTALLATION

RECOMMENDATIONS

Gridstone 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 Gridstone 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 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 panel is directional. Install with all factory edges parallel (same direction).

DECORATION

Gridstone 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.

National Gypsum®