Gold Bond® BRAND
Gridstone®
Gypsum Ceiling Panels

Gold Bond®
BRAND
Gypsum Board

National Gypsum®

Gridstone®
Fire-Shield® Gypsum Ceiling Panels

Technical Data

Size: Nominal:	**2' x 2'** (610 mm x 610 mm)	**2'x 4'** (610 mm x 1219 mm)
Actual:	23-3/4" x 23-3/4"	23-3/4" x 47-3/4"
Thickness:	1/2" Fire-Shield G	1/2" Fire-Shield G
Weight:	2.18 lbs./sq. ft.	2.18 lbs./sq. ft.
Design:	UL G222	UL G259
UL Core Designation:	FSW-G	FSW-G
Rating:	2 Hour	1-1/2 Hour

TECHNICAL DATA

Surface Burning Characteristics (Per ASTM E 84)
    Flame Spread: 5   Smoke Developed: 0   Class: A

Sound Attenuation (Per ASTM E 1414)
    Ceiling Attenuation, Class (CAC)-46 dB, NGC Report #6098001

Light Reflectance: LR 1 (75% or greater)

PRODUCT SPECIFICATIONS

Gridstone Gypsum Ceiling Panels conform to:
    ASTM C 1396, Type X Class 1
    ASTM E 1264, Type XX, Patterns E, G

PACKAGING

2' x 4'	GB5045	4 pcs./bundle	32 sq. ft.	40 bundles/unit
2' x 2'	GB5044	4 pcs./bundle	16 sq. ft.	80 bundles/unit

The double-banded bundles, long corner protectors and stretch wrap ensure quality on arrival.

Description

For superior quality and performance, Gridstone ceiling panels combine a USDA-accepted white stipple texture with the durability of a 2-mil rigid vinyl laminate. Featuring high light reflectance and impact resistance, Gridstone 1/2" thick panels set the standard for appearance and safety.

Applications

■ 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.

Features/Benefits

■ Gridstone's rigid gypsum core prevents sagging and warping problems generally experienced with conventional ceiling panels.

■ A non-combustible gypsum core ensures fire safety with 1-1/2- and 2-hour fire ratings achievable depending on the fire-rated assembly.

■ Installation is quick and easy. Panels drop in place on standard 15/16" exposed grid systems with tee grids either 2' x 2' or 2' x 4'.

■ Common dirt and stains can be removed with mild soap and water.

■ As little as one inch of material can be cut from Gridstone panels with practically none of the crumbling common with mineral fiber panels. Just score and snap.

■ Pre-decorated, the sturdy white vinyl laminate eliminates additional finishing.

■ Gridstone Ceiling Panels have achieved GREENGUARD GOLD Certification.

■ 15-year Limited Warranty.

Limitations

■ Gridstone Ceiling Panels are not recommended for use in areas exposed to extreme or continuous moisture such as found in saunas, steam rooms or swimming pool enclosures.

■ Overlaid insulation may cause excessive panel deflection and is not recommended where high humidity is likely to occur.

Gridstone®
CleanRoom® *Gypsum Ceiling Panels*

Technical Data

Size: Nominal:	**2' x 2'** (610 mm x 610 mm)	**2' x 4'** (610 mm x 1219 mm)
Actual:	23-3/4" x 23-3/4"	23-3/4" x 47-3/4"
Thickness:	1/2" Fire-Shield G	1/2" Fire-Shield G
Weight:	2.2 lbs./sq. ft.	2.2 lbs./sq. ft.
Design:	UL G222	UL G259
UL Core Designation:	FSW-G	FSW-G
Rating:	2 Hour	1-1/2 Hour

TECHNICAL DATA

Surface Burning Characteristics (Per ASTM E 84)
 Flame Spread: 5   Smoke Developed: 0   Class: A

Sound Attenuation (Per ASTM E 1414)
 Ceiling Attenuation, Class (CAC)-46 dB, NGC Report #6098001

Light Reflectance: LR 1 (75% or greater)

PRODUCT SPECIFICATIONS

Gridstone Gypsum Ceiling Panels conform to:
 ASTM C 1396, Type X Class 1
 ASTM E 1264, Type XX, Patterns E, G

PACKAGING

2' x 4'	GB5030	4 pcs./bundle	32 sq. ft.	40 bundles/unit
2' x 2'	GB5040	4 pcs./bundle	16 sq. ft.	80 bundles/unit

The double-banded bundles, long corner protectors and stretch wrap ensure quality on arrival.

Description

Gridstone CleanRoom Gypsum Ceiling Panels are for use in systems designed for areas requiring high levels of air cleanliness for airborne particulate levels. The panels are sealed on the face and back with a 2-mil rigid vinyl laminate. The edges are factory sealed with a coating that encapsulates the exposed edges, providing a completely sealed panel.

Applications

■ Gridstone CleanRoom panels are for use in systems designed for areas requiring high levels of air cleanliness for airborne particulate levels such as clean rooms and clean zones.

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

■ For use in systems, Class 100,000, 10,000, 1,000 and 100 per Federal Standard 209E "Airborne Particulate Cleanliness Classes in Clean Rooms and Clean Zones."

Features/Benefits

■ Gridstone CleanRoom panel's rigid gypsum core prevents sagging and warping problems.

■ Common dirt and stains can be removed with mild soap and water.

■ A non-combustible gypsum core assures fire safety with 1-1/2- and 2-hour fire rating achievable depending on installation.

■ Gridstone Ceiling Panels have achieved GREENGUARD GOLD Certification.

■ 15-year Limited Warranty.

Installation

Gridstone CleanRoom panels should be installed in a gasketed grid system using hold-down clips. Recommended use of Gordon-DS-20 Gasket Seal System or equivalent gasket sealed grid systems designed for clean room applications. If panel cuts are required, exposed core should be sealed to maintain the performance of the system.

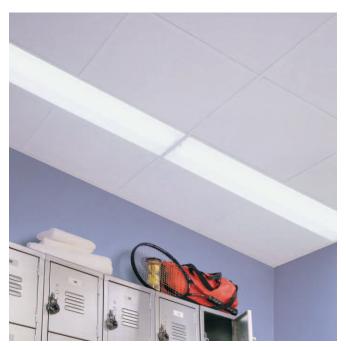## Limitations

■ Do not install panels in areas exposed to extreme or continuous moisture.

■ Overlaid insulation may cause excessive panel deflection and is not recommended where high humidity is likely to occur.

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

Gridstone®
Hi-Strength Gypsum Ceiling Panels

Technical Data

Size:	Nominal:	**2' x 2'** (610 mm x 610 mm)	**2' x 4'** (610 mm x 1219 mm)
	Actual:	23-3/4" x 23-3/4"	23-3/4" x 47-3/4"
Thickness:		5/16"	5/16"
Weight:		1.24 lbs./sq. ft.	1.24 lbs./sq. ft.

TECHNICAL DATA

Surface Burning Characteristics (Per ASTM E 84)
    Flame Spread: 5   Smoke Developed: 0   Class: A

Sound Attenuation (Per ASTM E 1414)
    Ceiling Attenuation, Class (CAC)-41 dB, NGC Report #6098001

Light Reflectance: LR 1 (75% or greater)

PRODUCT SPECIFICATIONS

Gridstone Gypsum Ceiling Panels conform to:
    ASTM C 960/C 1396
    ASTM C 36/C 1396
    ASTM E 1264, Patterns E, G

PACKAGING

2' x 4'	GB5010	6 pcs./bundle	48 sq. ft.	40 bundles/unit
2' x 2'	GB5020	6 pcs./bundle	24 sq. ft.	80 bundles/unit

The double-banded bundles, long corner protectors and stretch wrap ensure quality on arrival.

Description

Gridstone Hi-Strength Gypsum Ceiling Panels combine a USDA-accepted white stipple texture with the durability of a 2-mil rigid vinyl laminate. The 5/16" Hi-Strength gypsum core is formulated with increased uniformity and integrity, which increases its sag resistance.

Applications

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

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

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

Features/Benefits

■ Lightweight. Gridstone 5/16" Hi-Strength panels are 40% lighter in weight than standard gypsum ceiling panels.

■ Installation is quick and easy. 5/16" panels score and snap clean and easily drop into exposed grid systems, requiring less labor to install.

■ Common dirt and stains can be removed with mild soap and water.

■ More square footage per bundle means less stocking time required.

■ Pre-decorated. The sturdy white vinyl laminate eliminates additional finishing.

■ Gridstone Ceiling Panels have achieved GREENGUARD GOLD Certification.

■ 15-year Limited Warranty.

Limitations

■ Gridstone 5/16" Hi-Strength panels have not been tested in fire rated systems and should not be specified for applications that have such requirements.

■ Do not install panels in areas exposed to extreme or continuous moisture.

■ Overlaid insulation may cause excessive panel deflection and is not recommended where high humidity is likely to occur.

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