



American Gypsum
3811 Turtle Creek Blvd., #1200
Dallas, TX 75219
214-530-5500
www.americangypsum.com

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

FireBloc®



Gypsum Lay-In Ceiling Panels

FireBloc® CP
Gypsum Lay-In Ceiling Panels

16 Sq. Ft./Bdl. 1/2" x 2' x 2'
23 3/4" x 23 3/4"



AMERICAN GYPSUM
www.americangypsum.com
800-545-6302

Made in the USA

DESCRIPTION

FireBloc® CP Prefinished Gypsum Lay-In Ceiling Panels are comprised of a lightly stippled 2 mil white textured vinyl, laminated to a 1/2" thick Type C drywall substrate that provides a fire resistive, highly light reflective and easily cleanable 2' x 2' or 2' x 4' product. When integrated into a standard 15/16" exposed grid system, or environmental type grids for severe conditions, FireBloc CP boards are ideally suited for use in interior or unexposed exterior ceiling applications such as commercial office space, soffits, parking garages, kitchens and baths. The panels also meet the USDA/FSIS requirements for use in food processing and food service areas.

The rigid core of FireBloc CP Prefinished Gypsum Lay-In Ceiling Panels prevents the sagging problems generally associated with conventional ceiling panels.

Products manufactured by American Gypsum contain no asbestos.

GREENGUARD CERTIFIED



FireBloc® CP Prefinished Gypsum Lay-In Ceiling Panels have attained the GREENGUARD Indoor Air Quality Certified® and the GREENGUARD Children & Schools Indoor Air Quality CertifiedSM status.

The GREENGUARD INDOOR AIR QUALITY CERTIFIED Mark is a registered certification mark used license through the GREENGUARD Environmental Institute.

BASIC USES

This pre-decorated panel is quick to install and eliminates the need for additional finishing. The non-combustible FireBloc CP Prefinished Gypsum Lay-In Ceiling Panels when used in conjunction with an approved grid system has been certified for use in the following fire rated assemblies:

Panel	Size	UL Design	Fire Rating
1/2" FireBloc CP (Type C)	2' x 4' (actual size is 23 3/4" x 47 3/4")	G259	1 1/2 Hours
1/2" FireBloc CP (Type C)	2' x 2' (actual size is 23 3/4" x 23 3/4")	G222	2 Hours

• The temperature prior to, during and after installation of FireBloc CP Prefinished Gypsum Lay-In Ceiling Panels shall be maintained between 60° and 104° Fahrenheit (16° - 40° Centigrade) and the relative humidity shall not exceed 90%.

LIMITATIONS

FireBloc CP Prefinished Gypsum Lay-In Panels must be protected from direct exposure to water.

Not to be used in areas with direct exposure to water or continuous high humidity, e.g., saunas, steam rooms, gang showers or indoor swimming pools.

The vinyl laminate on face of 2' x 2' FireBloc CP Prefinished Gypsum Lay-In Panels is directional. Install with all factory edges parallel or in the same direction.

FireBloc CP Prefinished Gypsum Lay-In Panels can support a maximum of 1.6lbs. of insulation per s/f. Overlaid insulation is capable of causing excessive panel deflection where high humidity is expected to occur.

Overlaid insulation is capable of causing excessive panel deflection and is not suggested where high humidity is expected to occur.

Severe lighting conditions may distort vinyl texture appearance.

When cleaning FireBloc CP Prefinished Gypsum Lay-In Panels the use of strong organic solvents, harsh abrasive cleansers or steel wool are not recommended as these types of materials may cause dulling, discoloration, softening and other permanent damage to the vinyl surface.

STORAGE & HANDLING

FireBloc CP Prefinished Gypsum Lay-In Panels do not generate or support the growth of mold when they are 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. THESE PANELS MUST BE KEPT DRY to prevent the growth of mold.

FireBloc CP Prefinished Gypsum Lay-In Panels shall:

- 1) Be stored in an area that protects it from adverse weather conditions, condensation, and other forms of moisture. Job site conditions that can expose it to water or moisture must be avoided.
- 2) Panels that have 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.
- 3) Panels must be stored off the ground and under protective cover.



GOOD BUILDING PRACTICES

Approved grid systems must be installed in accordance with that manufacturer's specification and guidelines.

Install FireBloc CP Prefinished Gypsum Lay-In Panels in suspended grid systems to fit tightly and with edges concealed by flanges of suspension members.

In unheated or enclosed space above ceiling panels, cross ventilation shall be provided.

Using a cloth, sponge or soft brush with mild soap or detergent in warm water will clean ordinary dirt and stains on the vinyl surface. To check suitability of any cleaning agent, attempt first in a hidden area or on a piece of scrap material.

NOTE: The vinyl laminate on the face of 2' x 2' FireBloc CP Prefinished Gypsum Lay-In Panels is directional. Install with all factory edges parallel or in the same direction.

FireBloc CP Prefinished Gypsum Lay-In Panels are factory finished and require no further decoration. However the panels can be painted with any of the following:

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

APPLICABLE STANDARDS

Manufacturing	ASTM C 1396 ASTM E 1264 Type XX, Pattern E
Surface Burning Characteristics	ASTM E 84 Flame Spread 0 Smoke Developed 0
Light Reflectance	0.78
Finish	2 mil. white stipple vinyl laminate

FireBloc CP Prefinished Gypsum Lay-In Panels meet USDA/FSIS requirements for use in food processing and food service areas.

PRODUCT DATA

SIZES

Thickness	Widths	UL Type
1/2" (12.7mm)	2' (610mm) x 2' (610mm)	AG-CP
1/2" (12.7mm)	2' (610mm) x 4' (1219mm)	AG-CP

Thermal Resistance "R" Value 1/2" = 0.50

FIRE RESISTANT

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: _____