

Gold Bond® BRAND XP® Fire-Shield® Gypsum Board
Gold Bond® BRAND XP® Fire-Shield C™ Gypsum Board
National Gypsum Company
Drop In Specification Language

(Specifier Note: The purpose of this guide specification language is to assist the specifier in correctly specifying fire resistance rated, mold and moisture resistant gypsum board products and their installation. The specifier needs to edit these guide specifications to fit the needs of each specific project. Contact National Gypsum Company to assist in appropriate product selections.

*The language provided is not adequate as a complete stand-alone specification section. Recommended section numbers and titles where this information may be included: **Section 09 21 16 - Gypsum Board Assemblies** or **Section 09 29 00 Gypsum Board**. Language that the specifier may elect to include in each of the 3-Parts has been provided. Article numbering is only for navigating this document and language should be incorporated into the appropriate Article heading in the desired section.*

Mold and moisture resistant gypsum board products may be used in a single layer application or a multi-layered wall assembly - EDIT the installation requirements accordingly.

Specifier Notes included in (italicized red text) are included to provide assistance in selecting appropriate text for inclusion in a Specification. [Bold text] indicates a selection is required. Text in the brackets may not be the only options available, but are recommended or common selections.)

PART 1 - GENERAL

1.1 SUBMITTALS

(Specifier Note: GREENGUARD certification is optional, visit www.greenguard.org for program information. DELETE paragraph and sub-paragraphs below if not project specific.)

A. GREENGUARD Submittal:

(Specifier Note: Products that have achieved GREENGUARD Children and Schools Certification meet stricter emission guidelines than those with GREENGUARD Indoor Air Quality Certification. GREENGUARD Children and Schools Certification also meet CHPS Low-Emitting Materials.)

1. Product Certificate for GREENGUARD Children & Schools: For products and materials required to comply with requirements for minimum chemical emissions.

PART 2 - PRODUCTS

2.1 MANUFACTURER/PRODUCTS

A. Fire-Resistance Rated Mold and Mildew Resistant Gypsum Board

(Specifier Note: Maintain brand name when proprietary specification is acceptable. Use generic term when project must be competitively bid. CONFIRM product requirements and characteristics prior to listing products of other manufacturers.)

1. Basis of Design: National Gypsum Company; Gold Bond® BRAND XP® Fire-Shield® Gypsum Board
2. Basis of Design: National Gypsum Company; Gold Bond® BRAND XP® Fire-Shield C™ Gypsum Board

2.2 FIRE-RESISTANCE RATED GYPSUM BOARD WITH ENHANCED MOLD AND MILDEW RESISTANCE

A. Type X, Panel Physical Characteristics

1. Core: Mold and moisture resistant, Type X gypsum
2. Surface paper: 100% recycled content moisture/mold/mildew resistant paper on front, back and long edges
3. Long Edges: **[Square] [Tapered]**
4. Overall thickness: 5/8 inch
5. Panel complies with requirements of ASTM C 1396, Type X

(Specifier Note: National Gypsum Co, Gold Bond BRAND XP Fire-Shield Gypsum Board has the following mold/mildew resistance characteristics. VERIFY conformance of this requirement when specification section must provide products of equivalent design or DELETE when characteristic is not critical.)

6. Mold/Mildew Resistance: 10 when tested in accordance with ASTM D 3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber

B. Type C, Panel Physical Characteristics

(Specifier Note: National Gypsum Co, Gold Bond BRAND XP Fire-Shield C Gypsum Board has enhanced fire-resistance characteristics from the Gold Bond BRAND XP Fire-Shield Gypsum Board. In non-proprietary rated designs, Type C may be used to replace Type X. Type X cannot be used to replace Type C fire-resistance rated gypsum board. Assembly design should be used to determine use of Type C fire-resistance rated gypsum board.)

1. Core: Mold and moisture resistant with enhanced fire-resistance rated gypsum core
2. Surface paper: 100% recycled content moisture/mold/mildew resistant paper on front, back and long edges
3. Long Edges: **[Square] [Tapered]**
4. Overall thickness: **[5/8 inch] [1/2 inch]**
5. Panel complies with requirements of ASTM C 1396, Type X

(Specifier Note: National Gypsum Co, Gold Bond BRAND XP Fire-Shield Gypsum Board has the following mold/mildew resistance characteristics. VERIFY conformance of this requirement when specification section must provide products of equivalent design or DELETE when characteristic is not critical.)

6. Mold/Mildew Resistance: 10 when tested in accordance with ASTM D 3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber

(Specifier Note: Acoustical sealant and firestopping requirements may be specified in other Sections, COORDINATE location of information so that it is not duplicated.)

PART 3 - EXECUTION *(COORDINATE Preparation and Installation requirements with the desired partition, ceiling or floor assembly.)*

DISCLAIMER:

National Gypsum Company Guide Specifications have been written as an aid to the professionally qualified specifier and design professional. The use of this information requires the professional judgment and expertise of the qualified specifier and design professional to adapt the information to the specific needs of the building Owner and the project; to coordinate with the design professional's construction document process, and to meet the applicable building codes, regulations and laws. National Gypsum disclaims any warranty, expressed or implied, including the warranty of fitness for a particular purpose of the product for a project.

