

# Gold Bond® BRAND e<sup>2</sup>XP® Interior Extreme™ Gypsum Panel

## Description

e<sup>2</sup>XP® Interior Extreme™ is a moisture and mold resistant gypsum panel designed for interior applications requiring increased resistance to incidental moisture.

e<sup>2</sup>XP Interior Extreme is manufactured with an enhanced moisture and mold resistant gypsum core and facer. The facers are composed of a coated fiberglass mat which provides superior moisture resistance capabilities.

It is produced in 1/2" Regular and 5/8" Fire-Shield® Type X, 4' wide in standard lengths. e<sup>2</sup>XP Interior Extreme is lightweight, scores and cuts easily and is specially coated on the front, back and sides for easy handling. e<sup>2</sup>XP Interior Extreme is easily identified by the back facer in our original purple color.

## Basic Uses

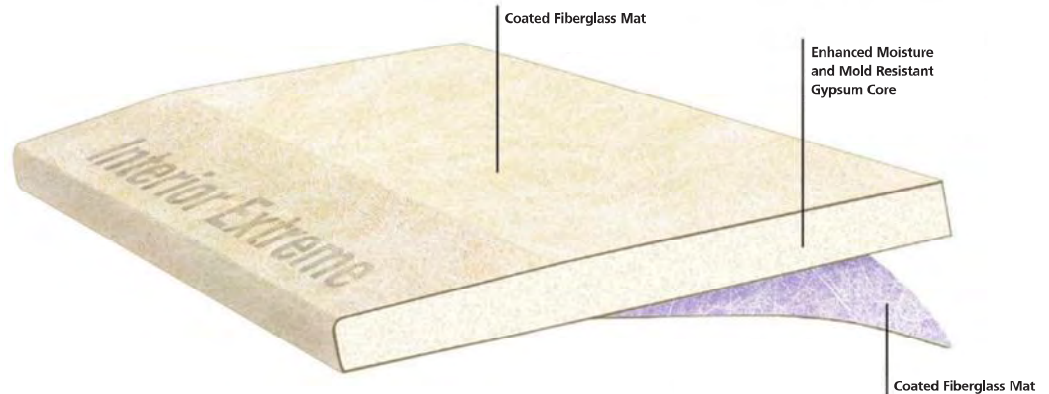
e<sup>2</sup>XP Interior Extreme can be used in both wood and metal framed construction for interior wall and ceiling finishing while providing increased moisture and mold resistance. e<sup>2</sup>XP Interior Extreme is recommended for use on the interior side of exterior walls, where moisture exposure is more likely.

Enhanced performance is provided in pre-rock applications before the building envelope is completely enclosed.

e<sup>2</sup>XP Interior Extreme can be used as a substrate for tile applications outside of wet areas.

With e<sup>2</sup>XP Interior Extreme, a single gypsum panel product can be used throughout the entire project wherever gypsum board is specified.

On projects where the owner or specifier have designated fiberglass faced gypsum board exclusively for the interior, the ideal solution is e<sup>2</sup>XP Interior Extreme.



## Features/Benefits

- Manufactured to meet ASTM C 1658 and applicable sections of ASTM C 1396.
- Will withstand up to 12 months of interior exposure to the elements, subject to the terms, conditions and exclusions of National Gypsum's Limited Warranties.
- Resists the growth of mold per ASTM D 3273 with a score of 10, the best possible score.
- Provides the best moisture resistance solution for the interior side of exterior walls where moisture exposure is more likely.
- A preferred alternative to paper faced gypsum board in pre-rock applications before the building envelope is fully enclosed, which may shorten construction cycles.
- Coated fiberglass mat on face and back for easy handling.
- 5/8" Fire-Shield e<sup>2</sup>XP Interior Extreme is an approved component in specific UL fire-rated designs.
- Less than 5% water absorption per ASTM C 473.
- e<sup>2</sup>XP Interior Extreme is GREENGUARD Children & Schools<sup>SM</sup> Certified for indoor air quality.

## Technical Data

PHYSICAL PROPERTIES		
	1/2" e <sup>2</sup> XP Interior Extreme Regular	5/8" e <sup>2</sup> XP Interior Extreme Fire-Shield – Type X
Nominal Thickness	1/2"	5/8"
Standard Width	4'	4'
Standard Lengths	8'–12'	8'–12'
Nominal Weight, (lbs./sf)	2.0	2.5
Permeance, (perms)	>10	>10
Linear Expansion	6.25 x 10 <sup>-6</sup>	6.25 x 10 <sup>-6</sup>
Coefficiency of Thermal Expansion	9.26 x 10 <sup>-6</sup>	9.26 x 10 <sup>-6</sup>
Flexural Strength, parallel, lbf	≥80	≥100
Flexural Strength, perpendicular, lbf	≥100	≥140
"R" Value (C 518)	0.43	0.50
Noncombustible per ASTM E 136	Yes	Yes
Nail Pull Resistance minimum, lbf	80	90
Hardness core, edges and ends	≥15	≥15
Water Absorption (% of weight) (ASTM C 473)	≤5	≤5
Surface Water Absorption (grams)	≤1.6	≤1.6
Surface Burning Characteristics Flame Spread/Smoke Developed (E 84)	0/0	0/0
Humidified Deflection	2/8"	1/8"
Bending Radius	6'	8'
Resists Growth of Mold	Yes	Yes
Edges	Tapered	Tapered



**Corporate Headquarters**  
National Gypsum Company  
2001 Rexford Road  
Charlotte, NC 28211  
**Phone:** (704) 365-7300  
**Web:** nationalgypsum.com  
purplechoice.info

**Technical Information**  
**Phone:** (800) NATIONAL  
(800) 628-4662  
**Fax:** (800) FAX-NGC1  
(800) 329-6421

