



STANDING TOUGH IN THE TOUGHEST PLACES

Extra Resistance Where It's Critical

ToughRock® Max-Impact™ Gypsum Board is formulated for greater resistance to extreme levels of penetration and/or surface indentation, and damage from hard objects.

Fire protection built in to its non-combustible core per ASTM E136. UL Classified as Type X.





Extra mold and mildew protection compared to traditional paper-faced gypsum.

Tested per ASTM C1629 for surface abrasion, surface indentation, soft and hard body impact.

WHERE TO USE:

- Court detention facilities
- Government & military installations
- Airports
- Hospital corridors
- Gymnasiums

ToughRock® Fireguard X® Mold-Guard™ MAX-IMPACT™ Gypsum Board Test Results

Test	General Description of Test	Test Result Metrics	Product Test Results
 Surface Abrasion Surface Damage ASTM C1629	Measures the ability of a gypsum panel surface to resist scratches and scuff marks by subjecting the panel to 50 back and forth cycles with a brush.	Surface Abrasion 1. 0.0126" (3.2 mm) 2. 0.059" (1.5 mm) 3. 0.010" (0.3 mm)	Level 3*
 Surface Indentation Surface Damage ASTM C1629	Measures the ability of a gypsum panel to resist dents from small, hard objects. This modified test is sometimes referred to as the "Gardner Impact Test 1."	Indentation Resistance 1. 0.150" (3.8 mm) 2. 0.100" (2.5 mm) 3. 0.050" (1.3 mm)	Level 1
 Soft-Body Impact Penetration ASTM C1629	Measures the relative resistance of a gypsum panel to impact load by pulling a 60 lb. leather bag away from the wall at 6" increments and then releasing.	Soft-Body 1. 90 ft. lbs. (122 J) 2. 195 ft. lbs. (265 J) 3. 300 ft. lbs. (405 J)	Level 3
 Hard-Body Impact Penetration ASTM C1629	Measures the maximum amount of impact force the panel can withstand by pulling a weighted ram away from the sample and releasing.	Hard-Body 1. 50 ft. lbs. (68 J) 2. 100 ft. lbs. (136 J) 3. 150 ft. lbs. (204 J)	Level 3

* Level 3 is achieved with one coat of primer and two coats of paint.



For Complete Warranty or Additional Information:
 Call Georgia-Pacific Gypsum
 Technical Hotline: 1-800-225-6119
 Visit www.gpgypsum.com

