



# HELP YOUR WALLS RESIST LIFE'S CURVE BALLS

## Extra Protection Where You Need It

**ToughRock® Max-Abuse™ Gypsum Board** is formulated for greater resistance to incidental surface damage, indentation, and penetration from people and 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:**

- Middle & high school classrooms, stairwells
- Multi-family stairways, common areas
- College lecture halls
- Shipping & receiving areas
- Shopping centers

**ToughRock® Fireguard X® Mold-Guard™ MAX-Abuse™ 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 2
 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 1

\* 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](http://www.gpgypsum.com)

