

ArmorWall Board



MAXLIFE
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PRODUCT DESCRIPTION

ArmorWall Board is the raw Magnesium Oxide (MgO) board. Within the ArmorWall system this layer has been UL classified to be utilized in applications where field returns may vary from standard provided sizing. Outside this classification it can be used in other sheathing applications such as a soffit or other wall applications.

PRODUCT ADVANTAGES

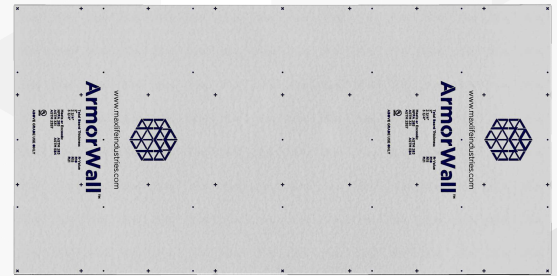
Similar to the time and cost savings of entire ArmorWall system, the board is also available factory-coated with ArmorSeal VP and ArmorSeal NP WRB coatings. Even during a fire the board is able to maintain its structural integrity which can result in the assembly having a higher fire rating. There are no paper facings so there is nothing to promote mold or mildew. Unlike other sheathing, some materials can be directly attached to the panel.

PRODUCT LIMITATIONS

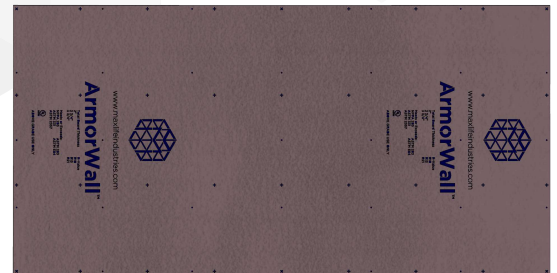
- Do **NOT** use an impact drill to fasten cladding or attachments to the panel.
- ArmorWall Board must be used as part of the system to qualify for NFPA 285 fire rating
- When used as a Return within the ArmorWall System, the first fastener must be within 2" of the edge with subsequent fasteners to be 12" O.C. staggered into framing of opening.
- Fasteners shall not be located within 5/8" of the edge of the panel.

HANDLING AND USE

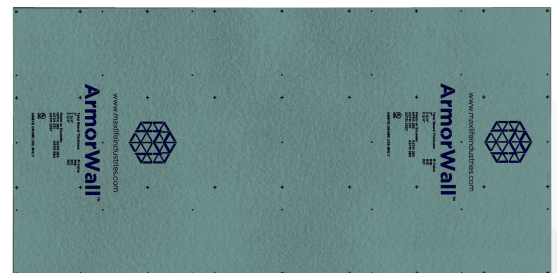
ArmorWall Board can be cut and installed using standard job site hand tools. When being cut to size, avoid breathing dust and minimize contact with eyes. ArmorWall board panels should be stored off the ground in original shipment condition until ready for installation. Avoid ground contact or continuous exposure to moisture and direct sunlight.



ArmorWall Board Uncoated



ArmorSeal VP Coated ArmorWall Board



ArmorSeal NP Coated ArmorWall Board

| TESTING FACTORS | |
|---|----------|
| Test | Result |
| Allowable Shear (psf) | 287 |
| Flexural Strength (psi) | 1,850 |
| Tensile Strength (psi) | 505 |
| Compressive Strength (psi) | 1,440 |
| Fastener Pull Through (psi) | 300 |
| Fastener Lateral Capacity (psi) | 245 |
| Fastener withdrawal for #10-13 Gimlet Screw | >155 lbs |
| Level 5 Finished | Yes |
| Flame Spread Index | 0 |
| Smoke Developed Index | 0 |
| Contains Fly Ash | No |
| Contains Gypsum | No |
| Impact Resistant | Yes |
| Toxin-Free | Yes |
| Water Resistant | Yes |
| Mold Resistant | Yes |
| Vapor Permeable | Yes |
| Board Weight (lbs./ft. ²) | 2.47 |

| BOARD SIZING AND INSULATING FACTORS | | | | |
|-------------------------------------|-----------------------|--------------|---------------------|-----------|
| Board Coverage | Total Board Thickness | Coating | Weight ¹ | SKU# |
| 48"x96" (32sqft/sheet) | 1/2" | Uncoated | 80 lbs | BNC048096 |
| 48"x96" (32sqft/sheet) | 1/2" | ArmorSeal VP | 81.5 lbs | BVPO48096 |
| 48"x96" (32sqft/sheet) | 1/2" | ArmorSeal NP | 81.5 lbs | BNPO48096 |

¹ Average board weight may vary based upon environmental conditions.

Explore our expanding ArmorWall Series and System Components on our website www.maxlifeindustries.com



For specific inquiries regarding installation please contact MaxLife Industries Customer Services.

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