



# MGO SHIELD

WSM7 MGO Board, is a proprietary high-performance acrylic elastomeric membrane, formulated to bond and last on virtually all surfaces, including the smooth glass-like surface of magnesium oxide panels. WSM7 provides superior protection to its substrate against frost, brutal cold, expansion and contraction, extreme heat and holds strong against impact. WSM7 is ideal for protecting your structures. WSM7 comes with a fire resistance additive built in for added security.

## FEATURES

- WSM7 has been designed as a protective primer membrane for adhesion to MGO
- WSM7 has a built in fire resistance additive for protection of your investment
- WSM7 MGO Board is perfectly adjusted to achieve maximum durability over long periods of time
- WSM7 is Ultra Violet/Sunlight friendly with less than 1% fade annually
- Remaining tough and flexible throughout it's lifespan, WSM7 protects your assets against rapid temperature changes, and water intrusion
- WSM7 provides protection against mold, mildew, fungus, and algae
- Low VOC's, non-hazardous, water-based, non-flammable, eco-friendly
- Fast dry times
- Available in 5 gallon pails, 55 gallon drums and 275 gallon totes

## USES

- Exterior/Interior Coating
- Primer/Finish Coating
- Specially designed for superior adhesion to magnesium oxide panels

Also, bonds to:

- Concrete
- Metal
- Brick/Mortar
- Polystyrene/Foam
- Gypsum/Drywall
- Wood/OSB
- Plastic/Vinyl



Non-Toxic Non-Flammable Non-Hazardous



MEMBRANE



INTERIOR/  
EXTERIOR



MATTE FINISH



UV STABLE



ENCAPSULATE



MOLD/MILDEW  
RESISTANT



STRONG BONDING



FAST DRYING



VERSATILE



DESIGNED FOR MGO!



## WSM2 WORLD-WIDE ASTM APPROVALS AND STANDARDS:

- **ASTM E162 – 16: Surface Flammability of Materials (FR series)**
- **ASTM E96 / E96M – 16: Water Vapor Transmission of Materials**
- **ASTM D412 – 16: Tension of Thermoplastic Elastomers**
- **ASTM E84 – 01: Surface Burning Characteristics of Building Materials (FR series)**
- **ASTM D4300 – 01: Ability of Adhesive Films to Support or Resist the Growth of Fungi**
- **Brookfield Viscosity Test**

Color	Standard white & black, various colors also available
VOC	Less than 30 G/L
Finish	Flat/matte
Solids	65%
Number of Coats	2 recommended minimum
Coverage	160 – 200 feet per gallon
Application	Airless sprayer 2300-2700 PSI (0.019" – 0.023" tip) Brush and roller application
Surface Temp	Min 5 degrees C/42 degrees F Max 35 degrees C/95 degrees F
Drying Point	1-2 hours to touch 2-4 hours to recoat
Shelf Life	1 year unopened
Applied Life	25 years
Clean-up	Soap and water
Warranty	25 years
Limitations	Maximum operating temp 120 degrees C (250 degrees F) Minimum operating temp -50 degrees C (minus 58 degrees F)
Flash Point	N/A
Elongation	310%
Viscosity	20,000 CPS @ 6RPM
Tensile Strength	130psi. @ WFT 13mils
Vapor Transmission	2.9 perms @ 12 mils DFT 53 perms @ 3 mils DFT



**ECO-FRIENDLY, GREEN CERTIFIED, LOW VOC**