



# MINING AND SAFETY MEMBRANE

WSM8 Mining and Safety, is a proprietary high-performance acrylic elastomeric membrane, formulated to bond and last on virtually all surfaces you find in mining operations, and is safe for application in confined spaces. WSM8 provides superior protection to its substrate against frost, brutal cold, extreme heat, expansion and contraction, and holds strong against impact. WSM8 is ideal for protecting your structures against water intrusion. WSM8 comes with a fire resistance additive built in for added security.

## FEATURES

- WSM8 has been designed as a protective primer membrane for mining applications
- WSM8 has a built in fire resistance additive for protection of your environment
- WSM8 is perfectly adjusted to achieve maximum durability over long periods of time
- WSM8 is Ultra Violet/Sunlight friendly with less than 1% fade annually
- Remaining tough and flexible throughout it's lifespan, WSM8 protects your assets and environment against rapid temperature changes, and water intrusion
- WSM8 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

- Primer/Finish Coating
- Waterproof Membrane
- Specially designed for use in underground mining applications
- Specially designed for use in confined environments

Also, bonds to:

- Concrete
- Metal
- Brick/Mortar
- Polystyrene/Foam
- Wood/OSB



Non-Toxic   Non-Flammable   Non-Hazardous



MEMBRANE



INTERIOR/  
EXTERIOR



MATTE FINISH



UV STABLE



ENCAPSULATE



MOLD/MILDEW  
RESISTANT



STRONG BONDING



FAST DRYING



USE IN CONFINED SPACE!



DESIGNED FOR MINING!



## WSM8 WORLD-WIDE ASTM APPROVALS AND STANDARDS:

- MSHA Approved (U.S. Department of Labor – Mining Safety and Health Association)
- 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	2.9 perms @ 12 mils DFT
Transmission	53 perms @ 3 mils DFT



ECO-FRIENDLY, GREEN CERTIFIED, LOW VOC