

WPM301

WATER PROOFING MEMBRANE



WPM301, is a unique waterbased coating that air dries and cures to a durable weatherproof, waterproof and heat resistant film. It has outstanding adhesion to many everyday surfaces including concrete, brick, stucco, wood, ceramics and textiles. In addition to excellent water repellancy, coated surfaces also demonstrate fire resistance and improved shrink resistance. The film has good tensile strength and abrasion resistance and can tolerate complete submersion for weeks at a time without delamination or coating failure.

WPM301 with its unique resin structure provides the versatility for diverse roofing applications, moisture permeation from perimeter walls, moisture intrusion in cellar and basement walls, tank or vessel liner for non-corrosive liquids and structures that may be exposed to intermittent submersion. Although **WPM301** is a non-hazardous coating, Liquiguard is not recommending its use as a liner for potable water as no testing has been done in this regard. **WPM301** can be used as a topcoat over other coatings where water permeation or water puddles can present a problem such as swelling and delamination of the roof coating leading to leaks and failure. It offers an excellent replacement to the hazardous and heat absorbing tar and pitch materials currently being used to seal leaks or protect objects exposed to submerged conditions.



COVERAGE: **WPM301** is a milky liquid that dries to a semi-clear or translucent film. Coverage per gallon will be dependent on the porosity of the surface the coating is being applied to and the ultimate dry film thickness desired. In general, **WPM301** should yield on average about 350 square feet per gallon and the recommended minimum of two coats will yield a DFT of 2 to 3 mils (approx 0.5 mm). **WPM301** is formulated to protect against the formation and growth of mold, mildew and algae.

APPLICATION: **WPM301** may be applied by brush, roller or low pressure airless sprayers. When applying multiple coats allow the first coat to become dry to the touch before applying additional coats. **WPM301** cures via air drying and at 77°F and 50% RH the coating will be dry to the touch in about 30 minutes. The curing process continues over 48 hours to achieve optimal properties. The surface to be coated should be clean and free of grease, oils and other debris. Do not apply at temperatures below 50°F or above 90°F, or if rain or heavy dew is imminent. Avoid heavy buildup, puddling, and overlapping.

CLEANUP: Clean spills and spatters immediately with clean water. Clean hands and tools immediately after use to prevent the coating from setting up as the dry coating will be difficult to remove. If the application is via spraying, flush spray equipment with sufficient amount of clean water to prevent any residue of **WPM301** staying in the system and clogging up the mechanism.