

## Manual Application Instructions for *EPDM Liquid Rubber*®

### Surface preparation

Surface to be coated should be clean, dry and structurally sound. Fasten loose areas with adhesive (contact cement) or pop rivets. Oil or wax must be completely removed with solvent. Remove loose portions of existing coatings and brittle caulk with scraper and wire brush. Whatever still has good adhesion may remain to be recoated. Rusty or pitted metal should be wire brushed to remove loose oxide. Tightly adhering corrosion may be directly coated with *EPDM Liquid Rubber*®



Asphalt based aluminum coatings should be removed as much as possible by wire brush or abrasive disc. Roof cements should be removed and replaced with butyl caulk where necessary. Repair torn rubber with adhesive Butyl Tape. A rubber patch may be applied over torn area if desired. Remove chalk from white rubber membrane by brushing with a detergent solution followed by a water rinse or working surface with a stiff brush. Smooth metal or plastic surfaces should be roughed up to improve adhesion of *EPDM Liquid Rubber*®. A deglossing solvent may work on some plastics.

### Coverage:

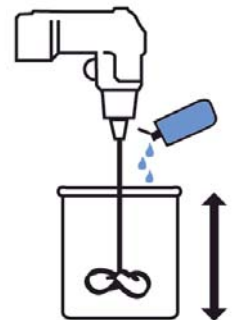
*EPDM Liquid Rubber*® will cover up to 46 square feet per gallon on a very smooth surface. **Normal coverage is 40-42 square feet per gallon on an average substrate.** The required 20 mil film thickness will be achieved when the above spreading rate is used. If you are uncertain how to calculate the amount of material you will need, please contact EPDM Coatings at (866-311-3736) M-F 9:00.am-5:30 EST.

### Mixing Directions:

The container is under filled to allow for the addition of the pre-measured catalyst that is included. A drill, and a mixer (shown below) will be needed to incorporate the catalyst. For a 1 gallon can a short mixer will suffice. For 4 or 5 gallon pails you **MUST** use a long shaft mixer.

The catalyst will be inside the box for 1 gallon and 1 gallon repair kits. The catalyst will be located **under the lid** in 4 and 5 gallon pails.

Mix rubber material in can/pail until uniform; center mixer shaft in pail or can and begin mixing until a vortex is formed. Slowly pour all of catalyst into vortex. Move mixer up and down and in a circular motion for 2-3 minutes until all portions of can/pail are uniformly mixed



### Application:

By brush, roller or squeegee. A combination of methods might be most effective. For example, on a flat roof, pour a serpentine bead of material, distribute with squeegee, finish with a short nap roll to press air out

of cracks and even out wet film. Product will self level when sufficient material has been applied. Working time is 4-6 hours depending on temperature. **A single application of EPDM Liquid Rubber® is preferable to multiple coats.** Apply with brush around flashings and edges using long, slow strokes. On flat surfaces, material can be poured, spread with a squeegee and then evened out with a short nap roller. Touch-ups may be applied as desired after initial film has cured and surface is first wiped with solvent.

### **Temperature and Cure Conditions:**

*EPDM Liquid Rubber®* may be applied at any temperature that permits it being spread onto the surface. It will waterproof immediately upon application. The solvent will evaporate at a rate governed by temperature but will not be affected by relative humidity. Exposure to freezing temperatures before cure has taken place will not damage the film. The time necessary to reach cure should not be a concern as this process will occur automatically. Exposure to sunlight will accelerate the curing process. The final film properties of the cured membrane will be the same regardless of the time required to achieve cure. *EPDM Liquid Rubber®* will provide long term protection even under extreme exposure conditions.