



Global EcoTechnologies, inc.

ENDURA-FLEX® 1990 ELASTOMERIC POLYURETHANE

MATERIAL CONDITIONING AND EQUIPMENT REQUIREMENTS

The following describes material "conditioning", mixing and minimum equipment requirements and capabilities which have offered repeatable results to meet manufacturer's published physical properties for over twenty years.

Differences in substrate temperature and film thickness during application have been shown to affect the rate at which applied film thicknesses reach the stated physical properties independent of the information listed below.

Equipment lists are available for application equipment systems capable of meeting these requirements according to job production needs.

- Each liquid component material shall be conditioned for use by heating to 80° F to 90° F Band heaters may not be used.
- The base "B" component material shall be mixed using a power mixer prior to use and mixed at least once daily.
- ENDURA-FLEX 1990® is a two-component (1:1 mix ratio by volume) chemically reactive product and shall be applied using a heated "plural component" proportioning equipment system designed for high-pressure airless spray (minimum 2500 psi) for a minimum distance from the proportioner to meet job conditions.
- The equipment system used shall be capable of heating and maintaining individual components to a minimum 120° F to reduce (band heaters are not permissible for heating the materials) viscosities to spray consistency, pumping individual components simultaneously in precise metered quantities and mixing those materials during application in the required volume mix ratio to affect the degree of cure and physical properties stated by the most recent published product data sheet.
- The conditioned materials shall be supplied to the proportioning equipment at a flowable, pumpable viscosity and in such volume delivery to assure full supply for each pump stroke.
- No solvent thinning of the materials is permitted. A solvent flush system will be necessary to clean mixed material from the spray gun at times when spraying stops for periods exceeding the material pot life.