



Global EcoTechnologies, inc. **ENDURA-FLEX® 1988 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 five 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. Consult your Representative for specific equipment recommendations.

- * Each liquid component material shall be conditioned for use by heating to 80^o F. to 90^o F. Band heaters may not be used.
 - * The equipment system used shall be capable of heating and maintaining, to the spray gun, individual components to in a range of 95^o to 110^o F to reduce (band heaters are not permissible for heating the materials) viscosities to spray consistency, 105^o F max on A side, 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.
 - * The base "B" component material shall be mixed using a power mixer prior to use and mixed at least once daily.
 - * ENDURA-FLEX® 1988 is a two-component (2:1 mix 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.

EQUIPMENT RECOMMENDATIONS: Plural

Component metering and mixing equipment. Refer to above Endura-Flex® 1988 "Material Conditioning and Equipment Requirements." Consult your Representative for specific recommendations.

SAFETY REQUIREMENTS: Please refer to the Material Safety Data Sheets for safety information and requirements. Always wear the appropriate respiratory protection. Avoid skin contact with materials being applied. Always wear the appropriate head protection, gloves, long sleeve coveralls, and foot protection.

SURFACE PREPARATION AND APPLICATION

PROCEDURE: Consult your Representative for specific recommendations to each individual project.