

- DESCRIPTION:** A self-crosslinking, aliphatic, water-based polyurethane dispersion designed for use in high performance concrete and wood floor coatings.
- SUGGESTED USES:** L-3155 employs a unique air-dry, self-crosslinking mechanism to impart chemical-resistance, abrasion-resistance and mar-resistance properties which equal or exceed those of two-component, water-based floor coating systems currently used in the market.
- CHARACTERISTICS:**
- < One-component, self-crosslinking polymer
 - < High level of toughness, abrasion- and mar-resistance
 - < Outstanding water and chemical resistance
 - < Excellent exterior weathering performance
- APPLICATION:** L-3155 can be used as a sole vehicle or blended with acrylic emulsions for spray or rotogravure applications. Rheology modifications can be made with associative thickeners for alternative application methods.
- DRYING:** Ambient drying temperatures between 60 – 90° F are ideal to produce coatings with optimal film properties. Allow 5 - 7 days to attain full cure properties.

PHYSICAL PROPERTIES*

SOLIDS	32% (± 1%)
VISCOSITY	50-300 cps
pH	7.0-10.0
DENSITY	8.8 lbs/gal
SOFTENING POINT	NA°F
VOC CONTENT	246 g/l (less water)

TENSILE PROPERTIES**

(TESTED AT 20 INCHES/MINUTE)	
ELONGATION	160 %
TENSILE STRENGTH	2400 psi
100% MODULUS	1850 psi
200% MODULUS	NA
300% MODULUS	NA

*Provisional – Physical properties are considered provisional until at least 10 production batches have been produced.

**Films are coalesced with 5% DPM to ensure optimal film formation.

SPECIAL NOTE: Mix well before removing product from containers. Container lids must be re-sealed tightly with the plastic header film after each use.

STORAGE STABILITY: The product must be stored in a controlled environment between 5 – 40°C and protected from direct exposure to sunlight. Shelf-life is 1 year from manufacture date (see lot # for date).

This information is believed to be accurate but is not guaranteed and we assume no legal responsibility for its accuracy. User should test the product to determine its suitability for their particular purpose. Nothing presented here is to be construed as a recommendation or inducement to use our product. We shall not be liable for any claims for damages, whether based on contract, negligence, and strict liability in tort or otherwise. Our products are sold without any implied warranty of merchantability or fitness for a particular purpose.

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