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Hauthane L-3155

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
- < Contains n-methyl pyrrolidone (NMP) co-solvent

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.

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.