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## Hauthane L-3786

**DESCRIPTION:** A self-crosslinking, aliphatic, water-based polyurethane dispersion designed for use in high performance concrete and wood floor coatings.

**SUGGESTED USES:** **L-3786** 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 dipropylene glycol dimethylether (DMM) co-solvent

**APPLICATION:** **L-3786** can be used as a sole vehicle or blended with acrylic emulsions for spray, brush or roller applications. Rheology modifications can be made with associative thickeners to optimize application properties.

**DRYING:** Ambient drying temperatures between 60 – 90° F are ideal to produce coatings with optimal film properties. Coatings based on **L-3786** require 3 – 5 days to achieve full performance properties, but floor applications are accessible by light foot traffic within 24 hours.

### PHYSICAL PROPERTIES\*

<b>SOLIDS</b>	32% (± 1%)
<b>VISCOSITY</b>	50-300 cps
<b>pH</b>	7.0-10.0
<b>DENSITY</b>	8.8 lbs/gal
<b>SOFTENING POINT</b>	NA ° F
<b>VOC CONTENT</b>	236 g/l (less water)
<b>VOC CONTENT</b>	99 g/l (as supplied)

### TENSILE PROPERTIES\*\*

(TESTED AT 20 INCHES/MINUTE)

<b>ELONGATION</b>	
160 %	
<b>TENSILE STRENGTH</b>	
2400 psi	
<b>100% MODULUS</b>	1850 psi
<b>200% MODULUS</b>	NA
<b>300% MODULUS</b>	NA

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

\*\*Films are coalesced with 3% DPM to ensure optimal film formation.

*L-3786cl*

*Revised 8/17*