

C. L. Hauthaway & Sons Corporation
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Hauthane L-2877

DESCRIPTION: A hard, NMP-free, APEO-free, aliphatic, polyester-based, aqueous polyurethane dispersion with an exceptional balance of properties.

SUGGESTED USES: **L-2877** was designed for topcoat applications on a wide variety of substrates, including concrete, metal, plastic and wood.

CHARACTERISTICS:

- < Balance of toughness, abrasion- and mar-resistance
- < Outstanding water and chemical resistance
- < Excellent exterior weathering performance
- < Can be crosslinked to enhance performance
- < Dilution and clean-up with ordinary tap water
- < Contains dipropylene glycol dimethyl ether (DMM) co-solvent

APPLICATION: **L-2877** 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: **L-2877** can be air dried, if desired, depending on film thickness. Typical drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties.

PHYSICAL PROPERTIES*

SOLIDS	35% (± 1%)
VISCOSITY	50-300 cps
pH	8.5-10.0
DENSITY	8.7 lbs/gal
SOFTENING POINT	350°F
VOC CONTENT	65 g/l
SWARD HARDNESS	NA

TENSILE PROPERTIES**

(TESTED AT 20 INCHES/MINUTE)	
ELONGATION	235%
TENSILE STRENGTH	>7000 psi
100% MODULUS	4800 psi
200% MODULUS	6700 psi
300% MODULUS	NA

*Provisional – This is an experimental product. 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.