

Michem® Dispersion Urethane 440B

BRAND FAMILY OVERVIEW Michem® Dispersion Urethanes are water-based polyurethane dispersions that can enhance toughness, scratch resistance, water resistance and flexibility of coatings. Michem Dispersion Urethanes are useful for industrial wood, concrete, and metal substrates.

USAGE Provides water, chemical, and scratch resistance for pigmented floor coatings and parquet lacquers.

DESCRIPTION Water-based acrylic-polyurethane blend

PERFORMANCE ATTRIBUTES This product is used in many applications including the following:

Market	Properties Imparted
Concrete	<i>block resistance, chemical resistance, scratch resistance, water resistance</i>
OEM Applied Wood Protection	<i>block resistance, chemical resistance, scratch resistance, water resistance</i>
On-Site Applied Wood Protection	<i>block resistance, chemical resistance, scratch resistance, water resistance</i>

PHYSICAL PROPERTIES The following properties are typical but should not be considered specifications:

Appearance:	White liquid
Solids Type:	Acrylic Polyurethane
Emulsifier Charge:	Anionic
Non-Volatile (%) :	38.0 - 40.0
pH:	7.0 - 8.5
Brookfield Viscosity (cps) :	20 - 400
Spindle Number:	2
RPM:	20
Shelf Life (months) :	The product has a shelf life of 12 months from date of manufacture when storage and handling instructions are followed.

HANDLING Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice.

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The following information for this product, specific to each site of manufacture, is available upon request:

- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
- Food Contact Declaration of Compliance (if applicable)

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