

ECCOTHANE R4134

POLYURETHANE / ACRYLIC
HYBRID

ECCOTHANE R4134 is an NMP-free aliphatic polyurethane dispersion designed to impart superior abrasion resistance and a combination of film hardness, flexibility and toughness which makes it an ideal PUD for top coat applications. Can be used in conjunction with acrylic polymers for wood and concrete coatings.

KEY BENEFITS

- NMP-free
- Abrasion resistance

DISCLAIMER: The information and recommendations contained herein are based on data believed to be correct. The information is offered solely for the customer's consideration, investigation and verification because of numerous factors beyond our control affecting the results of the use of products, Essential Industries, INC. makes no warranty of any kind, expressed or implied, including those of merchantability and fitness for a particular purpose, other than that the product conforms to its applicable current standard specification. The manufacturer's only obligation shall be to replace such quantity of the product proven to be defective.

TYPICAL PROPERTIES*

Appearance	Translucent
pH.....	8.0
Solids, % by Weight.....	36
Viscosity, cps @ 25°C	< 250
Density, lbs/gal	8.7
% VOC.....	8.8%
Particle Size, nm.....	50
Particle Charge.....	Anionic
Acid Number	26
Freeze/Thaw Stability	Fails
König Hardness (secs).....	110

*These values should not be interpreted as specifications.



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Film Properties

All tests were performed on coatings kept at 77°F and 50% RH for seven days before testing.

Tensile Strength, PSI 2,000

Elongation at Break, %..... 590