



Engineered Polymers, Inc.
 4118 Robertson Road Madison, WI 53714

Phone: (608) 661-2800
 Fax: (608) 661-2817

REACTAMINE[®] POLYUREAS

1KP PRIMER-59

CODE: 1KP-59 Primer

PRODUCT DESCRIPTION:

ReactAmine[®] 1KP-59 Primer is an ultra-fine, solvent-free Styrene modified acrylic-methacrylic-ester copolymer emulsion. It is suitable for both interior and exterior applications where it's ability to penetrate makes it an excellent vehicle for the deep priming of substrates. It is especially suited for solvent free interior and exterior penetrating sealers for concrete, wood, masonry, stucco and other mineral substrates where it's deep penetration allows it to reinforce the substrate and provide a consistent surface for other coatings. This product can be ordered with antimicrobial additives.

KEY BENEFITS INCLUDE:

- VERY SMALL PARTICLE SIZE (0.03 MICRON)
- GOOD WATER AND EXCELLENT ALKALINE RESISTANCE
- OUTSTANDING PENETRATION INTO CONCRETE AND WOOD
- FORMS A FILM AT 0° C WITHOUT COALESCING SOLVENTS
- EXCELLENT COMPATIBILITY WITH POLYURETHANE DISPERSIONS AND ACRYLIC EMULSIONS

COVERAGE:

1 gallon = 100 ft² @ 4 mils

TYPICAL PROPERTIES

Unit

Value

Appearance		Translucent
Stabilisation	CPS	Anionic
Dynamic Viscosity Brookfield RVT, Spindle1, 50rpm		20-30
pH-value		8.0 – 9.0
Solids Content	%	30
Solids Density	g/cm ³	1.015
Weight/Gal	Lb/Gal	8.45
Solvent content	%	Solvent free
Heat Stability 50°C	4 weeks	OK
Freeze/thaw stability		NO
100% Modulus	N/mm ²	9
Elongation at break	%	1500

DISCLAIMER:

The technical data and any other printed information furnished by **Engineered Polymers, Inc.** are true and accurate to the best of our knowledge. **1KP-59 Primer** conforms to in-house quality control procedures and should be considered free of defects. Due to the wide range of applications of this product, it is impossible to assume responsibility for any errors in regard to application, coverage, workmanship, over-spray or injuries resulting from the use of **1KP-59 Primer**. **Engineered Polymers, Inc.** makes no warranty, expressed or implied, of its products and shall not be liable for indirect or consequential damage in any event.