



The Wear Protection People

Abresist Kalenborn Corporation

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KALPOXY NS

Product Data

Two Component Wear Compound: Part A (Resin) & Part B (Hardener)

A mixture of ultra-high loading levels of silicon carbide (SiC) particles and DuPont Kevlar® fibers is blended with a state-of-the-art resin and hardener system, creating a non-toxic, non-flammable wear compound, with superior abrasion resistance and adhesion properties.
No VOCs (for air shipping); non-toxic and non-corrosive.

Package Size:	.94 gal. / 14 lbs. (mixed weight)
Theoretical Coverage:	Approximately 6 Ft ² when applied at ¼" thick
Max. Temp. Limit:	230 °F
Max. Application pH Range:	3.8 - 10.0
Compressive Strength:	13,500 lb _f / in ² (not independently confirmed)
Bending Strength:	4,800 lb _f / in ² (not independently confirmed)
Chemical Analysis:	Resin 83.33% (by volume) Hardener 16.67% (by volume)

Notes:

Mix for at least 5 minutes; mix at room temperature (68°F) for best results
Pot life (minutes): 20 - 45
Volumetric mix ratio: 5 to 1 (Part A to Part B)
Weight mix ratio: 9.5 to 1 (Part A to Part B)
Cure time: ~3 hours; 72°F to 86°F (at sea level)
Cure time: ~75 minutes; 72°F (at 3,000 above sea level)
Shelf life: 2 years at room temperature