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KINGMIDE 150-50

KINGMIDE 150-50 is a polyamide type epoxy curing agent synthesized by polymerized fatty acid and polyamines. The resin component of KINGMIDE 150-50 is designed for high molecule weight and it is therefore semi-solid in its form at an ambient temperature. However, for easy handling at an actual application works, KINGMIDE 150-50 is dissolved in the manufacturing process before being released to the users. KINGMIDE 150-50, when cured with an epoxy resin, provides its cured films with such high orders desired at actual application field as good flexibility, simultaneously with good water resistance and good alkali resistance. KINGMIDE 150-50 is thus desired for heavy duty primer coatings application of anti corrosion resistance.

1. SPECIFICATIONS

Appearance	: Brown, viscous liquid
Solid content (%)	: 50 ± 2
Viscosity (Gardner Holdt/25°C)	: S~ W
Amine value (JIS)	: 48 ± 5
Color (Gardner)	: 9 Max.
A.H.E.W.	: 950
Solvent (ratio)	: Xylene /Isobutanol = 70/30
Specific Gravity (25 / 25°C)	: 0.918

2. RECOMMENDED MIXING RATIO

160~220 parts by weight to 100 parts of epoxy resin whose epoxy equivalent weight is about 490.

60~80 parts by weight to 100 parts of 70% solution of epoxy resin (EEW is about 490) in xylene and isobutanol.