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KINGMIDE 710-SS

KINGMIDE 710-SS is a modified aliphatic amidoamine curing agent designed for use with liquid epoxy resin. Special features of this room temperature curing agent are low viscosity, relatively short pot life and exhibit very good adhesion, particularly to concrete and damp substrates making it ideal for use in concrete bonding, flooring, crack injection, adhesives (especially old to new concrete), mortars applications.

Physical State: Amber liquid

Storage Life: At least 24 months from date of manufacture in original sealed container stored undercover at ambient temperature away from excessive heat and humidity.

Typical Properties:

Viscosity (mPa · s /25°C)	: 100 ~ 500
Amine value (JIS)	: 550±60
Colour (Gardner)	: 12 Max
Specific gravity (25/25°C)	: 0.99
A.H.E.W	: 90

Recommended Usage: 40~60 parts per 100 parts of liquid epoxy resin
Having an epoxide equivalent weight of 190.

Curing Characteristics

Employed a liquid epoxy resin of Bisphenol-A type whose epoxy equivalent weight is about 190.

Total mass employed : 100 gram

Room temperature : 23°C

Mixing ratio :

Epoxy resin / KINGMIDE 710-SS = 67 / 33.(gram)

Peak Exothermic Time : 13 min.

Peak Exothermic Temperature : 190°C

Chemical resistance: Good to excellent against water and most aqueous media
Except organic acids; moderate to poor against organic solvents.