

Product Data Sheet

Februari 2010

RD-0149

Product description

RD-0149 is an aqueous isolated amine adduct. It has been designed for use with modified or non modified standard liquid epoxy as well as with liquid resin emulsions and solid resin dispersions.

Product applications

RD-0149 can be used in the formulation of waterborne anticorrosive primers, floorings, epoxy-modified concrete and grouts.

When combined with solid epoxy dispersions such as E-Pos 1011W55, **RD-0149** enables very high drying speed, good adhesion on metal substrates, good corrosion and water resistance and excellent waterspot resistance.

The very low shrinkage tendency of systems based on **RD-0149** makes it ideal for use in thick systems, for applications such as self-levelling floorings, modified concrete and grouts.

Product characteristics

Solids content	(wt.%)	:	55
Solvent		:	Water
Typical colour	(Gardner)	:	6 max
Typical viscosity @ 23°C	(mPa.s)	:	18000 - 28000
Amine value	(mg KOH/g)	:	170 - 200
Theoretical HEW ^a	(g/mol H)	:	230

a HEW: Hydrogen Equivalent Weight (g/mol)

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The information provided is to the best of our knowledge reliable but its accuracy is not guaranteed and no warranty of this kind is made

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System characteristics

phr ^b with liquid resin	(EEW ^c = 184 -190)	:	100 - 120
phr ^b with solid resin dispersion (E-Pos 1011W55)	(EEW ^c = 520)	:	20 - 25

b phr: Parts per Hundred Parts of resin

c EEW: Epoxy Equivalent Weight (g/mol), on solids