

Product Data Sheet

May 2012

D-Cure 651

Product description

D-Cure 651 is a polyamidoamine adduct curing agent. This curing agent is characterised by a very high tolerance to wet substrates and an outstanding adhesion to concrete, including wet or not well prepared concrete.

Product applications

D-Cure 651 is used in combination with liquid epoxy resins in the formulation of two-pack ambient curing systems. Systems based on **D-Cure 651** show good mechanical properties, outstanding adhesion to difficult and/or wet substrates, even at low temperature, excellent carbamation resistance as well as good corrosion protection. This makes them ideal for use on concrete substrates, in particular in humid conditions.

Product characteristics

Viscosity ^a @ 25°C	(mPa.s)	:	500 - 1500
Gardner color		:	12 max
Solids content	(wt %)	:	100
Specific gravity @ 20°C	(g/cm ³)	:	1.03
HEW ^b	(g/mol H)	:	115

a Brookfield viscosity

b HEW : Hydrogen Equivalent Weight (g/mol)

1/2

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 ^c with liquid resin	(EEW ^d = 184 -190)	:	60
Gel time ^e @ 23°C	(minutes)	:	40 to 45 minutes

- c phr : Parts per Hundred Parts of resin
d EEW : Epoxy Equivalent Weight (g/mol)
e Tecam gel time, 100 g mass