

**EPILINK® 701 Curing Agent****DESCRIPTION**

Epilink 701 has been developed primarily for use with liquid epoxy resin, it out-performs solid resin emulsion-based systems by offering the capability to formulate without resin emulsifiers, at zero VOC and with a visible end of pot life.

The unique nature of Epilink 701 provides the ability to develop low cost systems based on high filler levels particularly in flooring applications.

**PERFORMANCE AND HANDLING ADVANTAGES**

- Fast film-drying and cure with liquid epoxy
- Excellent anti-corrosive and flash rust resistance
- Water vapour permeability
- Zero VOC systems
- Benzyl Alcohol free
- Very low free amine content
- Temperature and shear stable

**APPLICATIONS**

- Self-levelling and screed floors
- Water vapour permeable floor coatings
- Grouts, putties, and plasters
- Anti-corrosive primers
- High film build waterborne coatings (>5mm)
- High gloss and matt finish top coats

**SHELF LIFE**

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

**STORAGE AND HANDLING**

Refer to the Safety Data Sheet for Epilink 701 curing agent.

**TYPICAL PROPERTIES**

<b>Appearance</b>	Opaque yellow emulsion
<b>Colour<sup>1</sup> (Gardner)</b>	—
<b>Viscosity<sup>2</sup> @ 25°C [mPa.s]</b>	5-10
<b>Amine Value<sup>3</sup> [mg KOH/g]</b>	130-165
<b>Specific Gravity @ 21°C [g/ml]</b>	1.08
<b>Total Solids Content [w%]</b>	53-57
<b>Equivalent Wt/{H}</b>	300
<b>Recommended use Level<sup>4</sup> [PHR]</b>	140-170

**TYPICAL HANDLING PROPERTIES**

<b>Pot Life @ 20°C<sup>4</sup> [h]</b>	2-4
<b>Thin Film Set Time:<sup>5,6</sup></b>	
<b>Phase I @ 20°C [h]</b>	0.75
<b>Phase II @ 20°C [h]</b>	4.00
<b>Phase III @ 20°C [h]</b>	6.50
<b>Persoz Hardness:<sup>6</sup></b>	
<b>1 day @ 20°C</b>	200
<b>7 days @ 20°C</b>	350

**TYPICAL PERFORMANCE PROPERTIES**

<b>Typical cure schedule</b>	2-7 days
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Footnotes:

- (1) ASTM D 1544-80
- (2) Brookfield RVTD, Spindle 4
- (3) Perchloric Acid Titration
- (4) With bisphenol-A diglycidyl ether (EEW=190)
- (5) BK Drying Recorder
- (6) With Epipes ER8 (EEW=195)

Epoxy Curing Agents and Modifiers

# EPILINK® 701 Curing Agent

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