



SINCE 2008

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Co. registration No.: 200801396G**Primer for Concrete  
RIPOXY CP-819EX****1. Introduction**

Ripoxy CP-819EX is bisphenol type vinyl ester resin and has excellent adhesion for concrete and good workability.

**2. Characteristics**

- (1) Excellent chemical resistance
- (2) Excellent adhesion for concrete
- (3) Advantage of wide-range for dry and high humidity concrete more than epoxy type and polyurethane type primer
- (4) 100 % reaction type

**3. Liquid properties**

Term	Unit	Standard value
Appearance		Light brown liquid
Specific gravity	25 °C	1.02
Acid value	KOHmg/g	1 - 8
Shelf life	120 °C	Over 60 min.
viscosity	25°C Pa·s	0.01 - 0.04

**4. Condition of working**

- (1) Weather: Over 5 °C, below 85 % and no dew
- (2) Treatment of substrate: No wet with vision and remove laitance
- (3) Tools: Brush, roller brush or spray
- (4) Curing time: 3 - 10 hours
- (5) Interval of recoat: Tack free - within 7 days

**5. The term of storage**

90 days (below 20 °C, dark place)

## 6. Curing property

### RIPOXY CP-819EX

Curing agent: 50 % BPO

Promoter: Cobalt octoate (8 % metal) and Dimethylaniline

Temp. °C	50%BPO %	Co %	DMA %	Gel time Min.
20	6.0	3.6	0.4	35 - 45
	4.0	3.6	0.4	50 - 60
25	4.0	3.6	0.4	35 - 45
	3.0	3.6	0.4	50 - 60
30	3.0	3.6	0.4	30 - 40
	2.0	3.6	0.4	50 - 60
35	2.0	3.6	0.4	35 - 45