

CCI Flex Cote

CCI Flex Cote is a unique anti-corrosive primer paint for use over pre-treated (e.g. with CCI 921) rusty steel, and clean iron, galvanized steel, blast cleaned steel, cold rolled steel, stainless steel, aluminum, PVC, fiberglass, or concrete.

CCI Flex Cote is a single pack, water based system utilizing a remarkable corrosion inhibitor that is able to prevent the spread of localized corrosion. It permits no under creep in the event the coating is damaged.

CCI Flex Cote is an elastomeric coating displaying a unique coefficient of expansion. It possesses a great ability to "give" and will not crack or become brittle with time. It has been shown to elongate in excess of 300% and will continue to adhere without breaking or cracking even when substrate is twisted 360 degrees.

PHYSICAL PROPERTIES:

COLOR	Complete range
FINISH	Matte
THINNER	Not recommended
CLEANER	Cold water or detergent wash
APPLICATION METHOD	Roller, brush, conventional air-spray
FLASH POINT	>134 F (closed cup)
PERMEABILITY	.0040 mg/cm/cm thick
SOLIDS BY VOL.	40%
ELONGATION	320 %
pH	5.25
REC DRY FILM THICKNESS	3.0 mils
REC WET FILM THICKNESS	7.0—8.0 mils
THEORETICAL SPREAD RATE	214 sq ft/gallon @ 3.0 mils
DRY TIME (TOUCH)	Approx 30 minutes
DRY TIME (HARD)	Approx 8 hrs, max 7 days
SHELF LIFE	12 months
STORAGE CONDITIONS	40 F-86 F: Protect from freezing
VOC	73 grams/liter

APPLICATION NOTES:

CCI Flex Cote should not be applied to cold metal below the dew point or hot metal above 40 C(105 F). The coating provides excellent protection at temperatures between -5 C(-56F) and 150 C(302 F) continuous use.

SURFACE PREPARATION:

Rusty Steel	Pre-treat with CCI 921
Galvanized Steel	Degrease and wash
Cold rolled steel	Abrade and degrease
Hot rolled steel	Blast clean to SSPC-SP 6
Aluminum	degrease
Fiberglass	abrade and degrease

APPLICATION EQUIPMENT:

Airless Spray:

120-160 kg/sq cm tip pressure
250-400 micron tip
40—60 degree fan

Air assisted (pressure fed):

3.5-5.5 kg/sq cm air pressure
300-400 micron fluid tip
1-2 kg/sq cm pot pressure
40-6— degree fan

Air assisted (siphon fed):

Suitable only after dilution of coating with 30 % clean water. This yields a dry film thickness to 2 mils. Use pressure and nozzles as per previous recommendation.

Brush or Roller:

Suitable

Short nap roller

This information given on these product data sheets is based upon tests believed to be accurate at the time of printing. Since we have no control over the specific working conditions, materials involved and circumstances under which the purchaser stores, handles or uses this material, we make no warranty or condition, either express or implied with respect to this material. We reserve the right to alter any of the foregoing information at any time without prior notice.