

CCI MASONRY COTE

CCI MASONRY COTE is a tough and extremely durable performance elastomeric polymer coating which also eliminates the growth of micro-organisms, i.e. algae, fungi, mold, yeast and bacterial colonies on its surface.

CCI MASONRY COTE, when applied, has the configuration of a sponge in micro-porous form, but retains an exceptionally tough, resilient structure with a high diffusion resistance to carbon dioxide and gives excellent protection against aggressive pollution such as Sulphur Dioxide (acid rain) and chloride attack while retaining long-term UV protection against strong sunlight. Even with its excellent protective abilities, **CCI MASONRY COTE** allows gases and water vapors to escape from the substrate, improving the longevity of the substrate.

CCI MASONRY COTE is an excellent coating for concrete, stone, plaster, block and other masonry surfaces. This unique formula is the ideal choice for halting the degradation of stone and masonry surfaces in existing buildings or for preventing decomposition in new construction.

PHYSICAL PROPERTIES:

COLOR	Clear, 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	.0044 mg/cm /cm thick/24 hrs
ELONGATION	420 %
SOLIDS BY VOLUME	40%
pH	6.0
REC DRY FILM THICKNESS	3.0 mils
REC WET FILM THICKNESS	7.0-8.0 mils
THEORETICAL SPREAD RATE	214 sq ft/gal @ 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	50 grams/liter

APPLICATION NOTES:

APPLICATION TEMPERATURES:

CCI MASONRY COTE should not be applied to cold metal at or below the dew point or hot metal above 40 C (105 F). The coating gives excellent protection at temperatures between -50 C (-56 F) and 150 C (302 F) continuous use.

SURFACE PREPARATION:

Remove loose or flaky old paint, algae, dirt and other contaminants with high-pressure water wash. Water deposits must be removed with high pressure clean water blasting. Remove alkali, grease, oil, salt and chemicals with a neutral cleaner such **NEUTRA CLEAN** Wash and rinse surface with cold clean water.

DILUTION BEFORE APPLICATION:

It is preferable to dilute **CCI MASONRY COTE** with 15% clean water for the first coat. It is also recommended that the first coat be applied to a dampened surface.

APPLICATION EQUIPMENT:

Airless Spray: 120-160 kg/sq cm tip pressure
250 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
40-60 degree fan

Air assisted (siphon fed): Not recommended

Brush: Suitable

Roller: Short nap roller

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