



FLEX COTE

Long Term Corrosion Protection Coating

DESCRIPTION

FLEX COTE is a clear methacrylate copolymer coating, formulated for specific protection of bare metal components and plastic parts exposed to aggressive environment attacks.

FLEX COTE exhibits excellent durability, adhesion, toughness and corrosion protection even after prolonged exposure to high humidity, corrosive vapours and salt spray.

APPLICATIONS

FLEX COTE provides an excellent protection to:

- All bare metals : aluminium, polished aluminium, stainless steel, steel, cast iron, copper
 - Plastic materials
 - Woods
 - Enamelled
- exposed to aggressive environments : humidity, salt spray, chemical pollutions etc.

FLEX COTE is extensively used in automotive, public works and construction, marine & shipping, refineries & oil fields, industrial plant and institutional buildings for long term corrosion protection.

- Protection of aluminium frames on cement trucks (makes mortar clean faster and easier)
- Protection of electrical and electronic equipment : motors, circuit breakers, wirings and parts, control panels, instruments (prevent arching from atmospheric contamination).
- Ignition parts and systems.
- Protection of mechanical parts to be stored outdoors or packaged before deliveries.
- Protection of extrusion sub-presses, moulds in glassworks.
- Injection moulds and tooling in plastic industries.
- Protection of tanks, lifting equipment and various metallic structures.
- Printing cylinders, papers, books and pictures.



Stainless Steel Cable Tray
coated with FLEX COTE



Stainless Steel Cable & Ladder Tray
coated with FLEX COTE

PRODUCT BENEFITS

- Tough long lasting protective coating
- Scratch-resistant
- Resists aggressive, corrosive agents and elements
- Waterproof and weatherproof film
- Dries quickly
- Excellent adhesion to all metals
- Resists mineral and synthetic oil extremely well
- Restores surfaces to smooth finish
- Provides a tough corrosion protection
- Extends life of components
- Prevent rusting
- Contains no chlorinated solvents
- Reduces labour and maintenance cost
- Versatile

PHYSICAL PROPERTIES

Type	Polyacrylate Polymer Coating
Appearance	Liquid
Colour	Colourless (A.P.H.A.) = 0
Odour	Solvent like
Specific Gravity	0.93 ± 0.03
Flash Point	37.8°C (100 °F)
pH	Not Applicable
Flammability	Flammable
Solubility	Soluble in usual solvents
Coverage	10m ² / L (400 ft ² / Gal)
Film Thickness	15 micron per coat
Drying Time	30 min. non-tack 1hr. dry

Chemical Resistance :

Strong Alkali	Good
Strong Acids	Good
Solvents	Poor
Water	Very Good

Environmental Resistance:

Sunlight	Very Good
High Humidity	Very Good
Electrical Resistivity	10 ¹⁶ ohm-cm

DIRECTIONS

Remove all soil, dust, grease and loose rust or unsound paint. Treat steel with **OXIGO (9964)** if necessary. Surface must be dry before coating. Mask off all areas not to be coated.

FLEX COTE should be used as is do not thin. Apply with roller, brush or sprayer. For air sprayer use external mix gun at minimum pressure to produce a fine even spray. For airless sprayers follow manufacturer's instructions for

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2/3

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proper settings. Hold spray gun at least 25 – 30 cm (10 – 12 inches) from surface and apply in a sweeping motion. Do not try to build a heavy coating in one pass. Clean up equipment with XYLENE.

STORAGE & SAFETY

Two years, stored in closed original packaging in a cool and dry environment.

Flammable Liquid : Do not expose to high temperatures. Do not use on incandescent, warm body or near a source of heat. Always use in well ventilated areas.

Harmful if swallowed.

Do not inhale - always use in well ventilated areas.

Irritating to eyes and skin - Wear gloves, goggles and glasses.

For further information please refer to the Material Safety Data Sheet.

PACKAGING

Ref. O-9715-O2

Pail 25L

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