

Environmental Protective Coatings, Inc.

2035 Regency Road, Suite5, Lexington, Kentucky,40503
Phone: (859) 277-0014 Fax: (859) 278-4973 Email: homerhartepc@aol.com

Product Information:

E-700 STEEL OVERCOAT SYSTEM POLYESTER FINISH COAT

DESCRIPTION:

VERY HIGH GLOSS DURABLE FINISH COAT, Formulated FOR USE ON Steel AND Concrete, AND IS USED AS AN ANTI GRAFFITI COATING IN CLEAR OR COLOR, OR IN CLEAR FORM OVER OTHER COLORS-SEE OTHER Literature FOR INFO.

COLOR: ANY FEDERAL NOS. CUSTOM COLORS ARE AVAILABLE

CHEMICAL FAMILY:

POLYESTER-ISOCYANATE E-700 WAS DEVELOPED TO ATTAIN A VERY HARD HIGH LUSTER FINISH COATING TO STAND UP TO AFFLUENT, CHEMICALS, ABRASION, AND ANTI MOLESTATION, PRODUCT AKIN TO AN AUTOMOBILE GRADE FINISH.

USES:

E-700 IS AN EXCELLENT FINISH COAT OVER OUR E-400 ALUMINUM,E-500 HIGH BUILD M.I.O. INTERMEDIATE COAT AND AS A SECOND FINISH COAT IN HARSH ENVIRONMENTS, WHERE STRONG CHEMICALS PREVAIL. E-700 IS RECOMMENDED FOR NEW AND OLD STEEL, CONCRETE AND WOOD, AND WHERE VERY HARD COATINGS ARE NEEDED. WE Highly RECOMMEND E-700 FOR STEEL BRIDGES, TANKS, DOCKS, OFF SHORE PLATFORMS AND WHERE THE NEED FOR A COATING THAT SUSTAINS ITSELF AGAINST HARSH ENVIRONMENTS.

CHARACTERISTICS:

VISCOSITY: 700 KU	WT. %SOLIDS: 69.36
MIX RATIO: 2 TO 1	VOL. % SOLIDS: 56.22
VOC LBS./GAL. 3.43	WT. GAL. 11.21 LBS.
PVC % 31.64	

Website: <http://www.enviroprotectcoatings.com>

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Page 2 E-700 STEEL OVERCOAT SYSTEM POLYESTER FINISH COAT

PERFORMANCE DATA:

Brookfield Viscosity, mPa-s, ASTM D-2196, 22 degrees C 250

Potlife (Double Viscosity) 1.0 hrs.

Gardner Circular Dry Time Hard Dry 6.0 hrs.

Gloss, ASTM D-523 20 degrees 60 degrees

MEK Double Rubs, TM-2 Method #9

200 Double Rubs No Effect

Graffiti Resistance

Marker Test Pass (slight shadow) Spray Paint Test Pass

APPLICATION:

MIX RATIO: BY VOL. 3 [THREE] 3 PARTS OF PART A PAINT TO 1 [ONE] PART HARDENER STIR THOROUGHLY, MAKING SURE THE PRODUCT IS OF ONE CONSISTENCY.

KEEP CONTAINER CLOSED WHEN NOT DIRECTLY BEING USED AS PRODUCT REACTS TO MOISTURE.

RECOMMENDED FILM THICKNESS:

WET FILM T. 4-5 DFT 2.5-3.5. COVERAGE RATE: [THEORETICAL]

2.5 DFT = 378 SQ. FT. PER GAL

3.0 DFT = 315 SQ. FT. PER GAL.

3.5 DFT = 270 SQ. FT. PER GAL

CURING TIME:

TO TOUCH: 3.5 HRS.

TO HANDLE: 5-6 HRS.

TO RECOAT: 8 HRS. @25 C. @ 50% HUMIDITY.

MAR-FREE: 25 HRS.

Website: <http://www.enviropaintcoatings.com>

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Page 3 E-700 STEEL OVERCOAT SYSTEM POLYESTER FINISH COAT

CAUTION:

TO APPLY, TEMP. MUST BE 5 DEGREES ABOVE THE DEW POINT. DO NOT APPLY BELOW 40 DEGREES F. OR OVER 90 DEGREES F.

POT LIFE: 2 TO 3 HOURS.

PRODUCT SHELF LIFE: MINIMUM: ONE YR.

EQUIPMENT:

USE AIRLESS SPRAY, TIP SIZE 0.013 TO 0.017, SOFT BRUSH OR ROLLER. ROLLER MUST BE WELL SATURATED With PRODUCT BEFORE ROLLING, TO KEEP DOWN AIR BUBBLES. IF USING CLEAR FORM, DUST SHOULD BE COMPLETELY CLEANED BEFORE APPLYING.

SAFETY PROCEDURES: SEE MSDS Sheet :(click here) Part 1, Part 2

CLEANUP: USE MEK, OR A BLEND OF MEK @ 20% PM ACETATE @ 30% AND AROMATIC 100 @ 50%.

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