



Insl-x Industrial Coatings – 101 Paragon Drive -Montvale, NJ 07645 - 800-225-5554 - FAX 888-248-2143

Electrokote™

Electrostatic Epoxy

EE-60xx Series

Type	Sheen	Theoretical Spread Rate	Recommended Application	Thinner	Clean Up
Polyamide Cured Epoxy	High Satin	350 – 400 Sq. Ft. Per Gallon*	Electrostatic Spray, Airless, Air Spray	TH-6000	TH-6000
Touch Dry Time:	4 Hrs. @55°F 2 Hrs. @77°F 1 Hr. @100°F	Min Recoat:	24 Hrs. @55°F 16 Hrs. @77°F 12 Hrs. @100°F	Max Recoat :	3 Months @55°F 28 Days @77°F 14 Days @100°F

PRODUCT NAME: EE-60XX Series Electrokote™ Electrostatic Epoxy	Electrokode™ Electrostatic Epoxy is a two component product designed for electrostatic application where maximum durability, abrasion resistance, chemical resistance and moisture resistance is required. This product is prepolarized for spray with most electrostatic equipment (see application section) and when properly applied, levels to a uniform finish. Caution should be taken when using this product in exterior applications as UV light will cause premature chalking and fading on epoxies. This is a two component product that requires 1 part of "A" or Base, and 1 Part of "B" component (EE-60BS). These components are packaged in one gallon cans so that when mixed, the yield is 2 gallons. Do not mix partial kits, and do not vary the mixing ratio.	
WHERE TO USE:	Properly prepared and/or primed ferrous and non-ferrous metals	Electrokode™ Electrostatic Epoxy is a high performance two component epoxy specially formulated for electrostatic spray application. May be used for on-site refinishing of school lockers, metal office furniture, bathroom partitions and other metal surfaces without disrupting normal activities due to overspray. Electrokode™ Electrostatic Epoxy is highly resistant to abrasion and chemicals, gives a high satin sheen and offers performance equal to the baked enamel used on OEM office furniture and files. Although this product is formulated for use on metal substrates, it may be used on wood, concrete, fiberglass and many plastic surfaces.
SURFACE PREPARATION:	The performance of this product is directly dependent upon the degree of surface preparation employed. All dirt, oils and accumulated salts must be removed prior to employing specific surface preparation methods. Pressure washing with an oil and grease emulsifier (2500 psi) or solvent washing in accordance with SSPC-SP1 will best accomplish this task. Ferrous Metal: remove rust and mill scale by hand tool cleaning (SSPC-SP2), power tool cleaning (SSPC-SP3) or abrasive blasting to a minimum cleanliness standard SSPC-SP7. This product is not designed as a direct to rust coating. Non-Ferrous Metal: Remove all oxidation or signs of corrosion by hand tool cleaning (SSPC-SP2), power tool cleaning (SSPC-SP3) or abrasive blasting. If the surface is extremely smooth, blasting or abrading may be necessary to ensure proper coating adhesion. Please consult Technical Service for other surface preparations or for use in severe environments.	
APPLICATION:	Mix each individual component thoroughly prior to inter-mixing the two. "A" and "B" must be combined together and thoroughly mixed and then allowed to induct for a period of 30 minutes at 77°F. The use of a drill mixer at low speed will best accomplish this task. This product is formulated to be applied without thinning. Do not thin if this would result in the product exceeding any VOC regulations in effect where it is being applied. If thinning is necessary, thin with TH-6000 Insl-x Electrostatic Epoxy Thinner for viscosity reduction. For resistance adjustments, SEE THINNING INSTRUCTIONS ON PAGE THREE, however the polarity of this product is controlled as packaged from the factory. Resistance should not have to be adjusted for most equipment. Electrostatic Spray: Ransburg #2 Process Hand Gun recommended. Pot pressure between 5 to 25 psi, depending on desired finish. Airless Spray (Product will not wrap): Tip range between 11 and 15 thousandths. Total fluid output pressure at tip should not be less than 1800 psi. Air Spray (Product will not wrap): DeVilbiss MBC or JGA gun, with 704 or 765 air cap and Fluid Tip E. NOTE: Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner.	

TAB #07
Electrokote™
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EE-60XX Series
Rev. 2/09

*NOTE ON SPREAD RATE:	Actual spread rate will vary based upon numerous factors, including texture of the substrate, application method, waste, surface porosity and thinning. The Theoretical Spread Rate listed on this document has not taken into account these factors and is only based upon the volume solids of this product and the recommended wet film thickness when applied to a smooth substrate.
STORAGE:	Minimum 12 months at 77°F in original unopened container. Prolonged storage at higher temperatures can shorten the shelf life. Store in dry, shaded area, away from heat and ignition sources. Protect from frost.
TINTABILITY:	Electrokote™ Electrostatic Epoxy is available in White, Black and three bases (Tint Base, Deep and Neutral), intended to be tinted to over 3000 colors with Insl-x 144/844 Industrial Colorants ONLY. Custom colors can be made in minimum batch quantities.
RESIN TYPE:	Polyamide Cured Epoxy
VOLUME SOLIDS (MIXED):	43.0 ±1%
WEIGHT PER GALLON (MIXED):	10.9 ± 1.0 lbs.
MIX RATIO:	1:1 DO NOT MIX PARTIAL KITS. DO NOT VARY THE MIXING RATIO.
INDUCTION TIME:	2 Hrs. @ 55°F / 30 Min. @ 77°F / 15Min. @ 100°F
POT LIFE:	14 hrs. @ 55°F / 8 hrs. @ 77°F / 4 hrs. @ 100°F
FLASH POINT:	80°F. (TT-P-141, Method 4293)
SPECULAR GLOSS:	45 - 60 units @ 60°
WET FILM THICKNESS:	4.0 to 4.6 mils
DRY FILM THICKNESS:	1.7 to 2.0 mils
CAUTIONS: (These statements are based upon a 1:1 mixture of EE6010 and EE60BS. Other bases and converter combinations may generate different statements.)	<p style="text-align: center;">DANGER!</p> <p>COMBUSTIBLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED. FLAMMABLE LIQUID AND VAPOR. HARMFUL IF INHALED. Causes eye, nose, throat and skin irritation. OVEREXPOSURE MAY CAUSE KIDNEY DAMAGE. Contains: Polyamide Resin, Petroleum Distillates, Xylene, Ethyl Benzene and Propylene Glycol Monomethyl Ether.</p> <p>NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvent with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.</p> <p>Use only with adequate ventilation. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Do not breathe dust, vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep away from heat and flame. Vapors can cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone.</p> <p>First Aid: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Get medical attention immediately. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.</p> <p>DANGER – Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed, water-filled metal container.</p> <p>WARNING: This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.</p> <p style="text-align: center;">Obtain and read the MSDS prior to using this product. KEEP OUT OF REACH OF CHILDREN</p>
VOC/VOS STATEMENT:	This product contains a maximum of 510 grams VOC/VOC per liter of coating. (4.25 pounds Per Gallon)
OTC CATEGORY:	This product is not compliant under the Ozone Transport Commission regulations except for Shop Applications Only.

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TEST DATA

Steam Resistant	Yes
Dry Heat Resistance	200°F
Wet Heat Resistance	150°F

CHEMICAL RESISTANCE GUIDE (NON-IMMERSION)

Fresh Water	Excellent
Salt Water	Excellent
Acids	Good
Alkalis	Good
Solvents	Excellent
Fuel	Good
Acidic Salt Solutions	Excellent
Alkaline Salt Solutions	Excellent
Neutral Salt Solutions	Excellent

QUALIFICATIONS

This product is USDA approved for incidental food contact.

**SYSTEMS RECOMMENDATIONS
COMPATIBLE PRODUCTS**

PRIMERS: EP50XX Epoxy Primers
For primers / intermediates other than listed above, or for usage in severe environmental conditions, please consult with Insl-x Industrial Coatings technical service.

WARRANTY

Insl-x warrants its products to be free from defects in materials and workmanship. Insl-x's sole obligation and the purchaser's exclusive remedy shall be limited, at Insl-x's option, to either replacement of nonconforming products or credit to the purchaser's account in an amount not greater than the original purchase price of the nonconforming products. Any claim under this warranty must be made by the purchaser, in writing to Insl-x, within ten (10) days of the purchaser's discovery of the claimed defect, but not later than the expiration of the applicable shelf life, or one year from the original delivery date, whichever is earlier. Purchaser's failure to notify Insl-x of any nonconformance as required shall bar the purchaser from recovery under this warranty.

Insl-x makes no other warranties, expressed or implied, such as merchantability or fitness for a particular purpose concerning its products. In no event shall Insl-x be liable for consequential or incidental damages.

Any recommendation or suggestion relating to the usage of products made by Insl-x, whether in the form of literature, data, or in response to specific inquiry, or otherwise is based upon information believed to be reliable; however the products and information are intended for use by skilled and knowledgeable purchasers, and is therefore for the purchaser to satisfy itself of the suitability of the products for its own specific use, and it shall be deemed that the purchaser has done so, at the sole discretion and risk. Variation in application conditions, ambient conditions or extrapolation of information may cause unsatisfactory results.

LIMITATION OF LIABILITY

Insl-x's liability on any claim, including claims based upon negligence, or strict liability for loss, or damage arising out of, connected with, or resulting from the use of products, shall in no case exceed the purchase price of the products directly giving rise to the claim. In no event shall Insl-x be liable for consequential or incidental damages.

THINNING RECOMMENDATIONS:

This product is formulated to be applied without thinning. Do not thin if this would result in the product exceeding any VOC regulations in effect where it is being applied. Do not use thinners other than TH-6000 when reducing for viscosity ONLY.

For resistance and viscosity changes:

Non Polar and Low Polarity Solvents: Mineral Spirits, Xylene, Toluene, High Flash Naphtha 100, High Flash Naphtha 150

Medium Polarity Solvents: Butyl Cellosolve, TH-6000

High Polarity Solvents: Methyl Ethyl Ketone (MEK), Methyl Isobutyl Ketone (MIBK), Isopropyl Alcohol, n-Butyl Alcohol, Acetone

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NOTES: