



# RAINBOW

## EPOXY ANTI-STATIC TOPCOAT

PRODUCT NUMBER	No.2097 N
TYPE	A two-pack, anti-static paint based on epoxy resin and special hardener with conductive pigment.
USES	Used for the ground and wall such as electronic factories, cleanrooms, hospitals, precision instrument rooms, powder factories, textile mills, solvent storage yard, arms and ammunition storehouses, etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Tough and hard film, rich flexible and adhesion.</li><li>2. Excellent resistance to water, abrasion and mechanical damage, oils, solvents and chemicals.</li><li>3. 100 <math>\mu</math> DFT is available after one coat.</li><li>5. The value of electric resistance of painting system can be <math>10^4 \sim 10^6 \Omega</math> (conductive flooring) or <math>10^6 \sim 10^9 \Omega</math> (dissipative flooring) with different middle coating.</li></ol>
FINISH	Semi-Gloss
COLOR	Gray or desired colors
MASS DENSITY	Above 1.4 Kg/L (mixture, depending on colors)
VISCOSITY	70~85 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 4hrs. Dry hard 14 hrs. Fully cured 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 131~220 microns Dry 75~125 microns
THEORETICAL COVERAGE	21.6 $m^2/GL$ 5.7 $m^2/L$ 4 $m^2/Kg$
MIXING RATIO	Base : hardener = 80 : 20 (by wt.)
NON-VOLATILE VOLUME SOLID	Above 57% (mixture)
POT LIFE	4 hrs. (mixture, 25°C)
THINNER	No. 1005 Epoxy Thinner (SP-12)
THINNING RATE	5~10% (cleaning tools excluded)
PRECEDING COATS	$10^4 \sim 10^6 \Omega$ (conductive flooring): RAINBOWAQUA 3840 or No. 1098W $10^6 \sim 10^9 \Omega$ (dissipative flooring): RAINBOWAQUA 3841 or No. 1098SD
STORAGE SHELF LIFE	Minimum 2 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller.
Airless Spray	Pump ratio : 45:1 or greater Tip size : 0.013"~0.017" Output pressure : 4~6 Kg/cm <sup>2</sup>
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio and stir thoroughly before use.</li><li>2. Avoid applying the paint in rainy weather or relative humidity exceeded 85%, particularly a wet surface must be thoroughly dried.</li><li>3. All equipment must be cleaned immediately after use.</li><li>4. When used inside hermetic space, sufficient ventilation must be provided.</li><li>5. One-coating is recommended, and two or more coatings are not recommended.</li></ol>

EPDM102097NX V1.0

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