



# RAINBOW

## RAINBOWAQUA 3881

### WATER-BORNE EPOXY ANTI-STATIC TOPCOAT

PRODUCT NUMBER	RAINBOWAQUA 3881
TYPE	A two-pack, anti-static paint based on water-borne 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. Low VOC. Comply with environmental protection requirements.</li><li>2. Tough and hard film, rich flexible and adhesion.</li><li>3. Excellent resistance to water, abrasion and mechanical damage, oils, solvents and chemicals.</li><li>4. 50 <math>\mu</math> DFT is available after one coat.</li><li>5. The value of electric resistance of painting system can be 104~106 <math>\Omega</math>(conductive flooring) or 106~109 <math>\Omega</math>(dissipative flooring) with different middle coating.</li></ol>
FINISH	Semi-Gloss
COLOR	Gray or desired colors
MASS DENSITY	Above 1.2 Kg/L (mixture, depending on colors)
VISCOSITY	60~70 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 4hrs. Dry hard 14 hrs. Fully cured 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 70~100 microns Dry 40~60 microns
THEORETICAL COVERAGE	43.9 $m^2/GL$ 11.6 $m^2/L$ 9.6 $m^2/Kg$
MIXING RATIO	Base : hardener = 100 : 18 (by wt.)
NON-VOLATILE VOLUME SOLID	Above 58% (mixture)
POT LIFE	4 hrs. (mixture, 25°C)
THINNER	Tap water
THINNING RATE	5~10% (cleaning tools excluded)
PRECEDING COATS	10 <sup>4</sup> ~10 <sup>6</sup> $\Omega$ (conductive flooring): RAINBOWAQUA 3840 or No. 1098W 10 <sup>6</sup> ~10 <sup>9</sup> $\Omega$ (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. Please use 2097N instead of No. 3881 when the operating temperature is under 15°C.</li><li>4. All equipment must be cleaned immediately after use.</li><li>5. When used inside hermetic space, sufficient ventilation must be provided.</li><li>6. One-coating is recommended, and two or more coatings are not recommended.</li></ol>

EPDM4143881X V1.0

# YUNG CHI PAINT & VARNISH MFG. CO., LTD.

No.26, Yen Hai 3rd Road, Kaohsiung, Taiwan.  
<http://www.rainbowpaint.com.tw>

TEL:886-7-8713181  
FAX:886-7-8715443