



# RAINBOW

## EPOXY LEVELING MORTAR

PRODUCT NUMBER	1029C
TYPE	The leveling type mortar based on epoxy resin and hardener with quartz sands.
USES	Used for the ground such as heavy equipment facilities, chemical plants, electronics industry, assembly plants, laboratories, GMP pharmacies, operating room, waste-water treatment plants, garages and vehicle ramp etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Excellent adhesion with the surface of concrete or steel, no cracking and no peeling.</li><li>2. Excellent mechanical properties, resistant to forklift and large vehicles rolling.</li><li>3. Resistance to a broad range of chemicals such as acids, alkalis and solvents etc.</li><li>4. Unaffected by cold and hot temperature difference to deform.</li><li>5. Easy to grind to be a smooth surface, nonstick to sand paper.</li><li>6. Self-Leveling with nonstick, can directly apply topcoat without putty layer.</li></ol>
COLOR	Natural colors or desired colors
SPECIFIC GRAVITY	Above 1.1 Kg/L (resin mixture)
VISCOSITY	Paste (mixture, 25°C)
DRYING TIME	Set-to-touch 6 hrs.      Dry hard 12 hrs.      Full Dry 7 days (25°C).
OPTIMUM FILM THICKNESS	1 ~ 3 m/m
THEORETICAL COVERAGE	3.5 Kg/m <sup>2</sup> (2 m/m)
OVERCOATING INTERVALS	Min. 24 hrs.
MIXING RATIO	Base : Hardener : Sand = 22.5 : 7.5 : 50 (by weight)
POT LIFE	30 minutes (mixture of resin and sand, 25°C)
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	Don't add (cleaning tools only)
SUBSEQUENT COATS	No.1001 Epoxy Topcoat No.1015 Epoxy Coating, Solvent-less No.1098W Epoxy Conducting Primer
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Trowel
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio then blend the quartz sand and stir thoroughly.</li><li>2. Adhered moisture, grease and dirt on substrate must be cleaned thoroughly.</li><li>3. Avoid applying the paint in rainy weather or humidity exceeded 85% RH, particularly, a wet surface must be thoroughly dried.</li><li>4. The moisture content of concrete substrate must be under 12%. It must be force-dried if exceeded.</li><li>5. The strength of cement is at least above 150 kg/cm<sup>2</sup>, and surface can not adhere grease stains, sand or dust.</li><li>6. Please wear gloves to avoid touching skin when applying.</li><li>7. The mixing ratio is standard, if you have the special demand please contact with our technical department.</li></ol>

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