



# RAINBOW

## EPOXY MORTAR

PRODUCT NUMBER	1022
TYPE	The mortar based on Epoxy Resin, hardener and quartz sands.
USES	Used for the ground in such as heavy equipment facilities, chemical plants, electronics industry, assembly plants, laboratories, GMP pharmacies, operating room, waste-water treatment plants, garages, vehicle ramp and warehouse etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Excellent adhesion with the surface of concrete and steels, no cracking and no peeling.</li><li>2. Excellent mechanical properties, resistant to forklift and large vehicles rolling.</li><li>3. Resistant to a broad range of chemicals such acids, alkalis and solvents etc.</li><li>4. Unaffected by cold and hot temperature difference to deform.</li><li>5. Seamless, abrasion resistant, and good thermal insulation.</li></ol>
COLOR	Natural and desired colors.
DENSITY	Above 1.1 Kg/L ( mixture )
VISCOSITY	Paste ( mixture )
DRYING TIME	Set-to-touch 6 hrs.    Dry hard 12 hrs.    Full Dry 7 days (25 °C)
OPTIMUM FILM THICKNESS	3 m/m or 5 m/m
OVERCOATING INTERVALS	Min. 12 hrs. ( 25 °C )
THEORETICAL COVERAGE	7 Kg/m <sup>2</sup> (3m/m)    11.5 Kg/m <sup>2</sup> (5m/m)
MIXING RATIO	Base : Hardener : Sand = 3 : 1 : 20 ( by wt. )
POT LIFE	30 min ( mixture, 25 °C )
THINNER	No.1005 Epoxy Thinner ( SP-12 )( cleaning tools only )
THINNING RATE	Don't add.
SUBSEQUENT COATS	No.1001 Epoxy Topcoat ( EP-04 ) No.1015 Epoxy Coating, Solventless No.1026 Epoxy Mortar Putty
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Hand trowel
NOTE	<ol style="list-style-type: none"><li>1. Evenly mix base and hardener according to the mixing ratio then blend the quartz sand to stir thoroughly.</li><li>2. Avoid applying the compound in rainy weather or the relative humidity exceeded 85% RH, particular a wet surface must be thoroughly dried.</li><li>3. The moisture content of concrete substrate must be under 12%. If exceeded, it must be force-dried.</li><li>4. Concrete substrate must reach compressive strength over of 150 kg/cm<sup>2</sup> and free from dust, sand and oils.</li><li>5. Please wear gloves to avoid touching skin when applying.</li><li>6. The mixing ratio is standard, if you have the special demand please ask the technical department.</li></ol>

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

26. YEN HAI 3RD ROAD. KAOHSIUNG, TAIWAN

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