

# EURO POLYMERS EC-2WT

EC-2WT is a 2 component, water-based Polyamide Epoxy coating. Product is resistant to salt water, oils, wastewater, ... without any affecting the environment and health

<b>PRODUCT DESCRIPTION</b>	<ul style="list-style-type: none"> <li>• Use as a coating to protect and prolong service life for concrete/steel structures in corrosive exposed areas such as ship hull, oil tank &amp; pipeline, sewage water treatment tanks, ... and food safety request such as portable water tanks, food processing areas, factory floors, clean rooms, laboratories, ...</li> </ul>
<b>FEATURES &amp; BENEFITS</b>	<ul style="list-style-type: none"> <li>• Finished coating for concrete/steel structure</li> <li>• Protect surfaces against wet, chemicals, corrosive, ...</li> <li>• Increased surfaces hardness, abrasion and impact load resistance</li> <li>• Does not content tear gas cause irritation</li> <li>• Environment and health friendly</li> </ul>
<b>APPLICATION RANGE</b>	<ul style="list-style-type: none"> <li>• Portable water tanks, liquid retaining structure, food processing areas, ...</li> <li>• Factory floors, power plan, electronics, clean rooms, aseptic areas, laboratories, ...</li> <li>• Sewage water tanks, manhole, ...</li> <li>• Ship hulls, sea wharf, ...</li> <li>• Oils tanks &amp; pipelines, ...</li> </ul>
<b>SURFACE PREPARATION</b>	<ul style="list-style-type: none"> <li>• Concrete: The substrate should be dry, clean and free from laitance, oil, dust, paint residues, algae, loose and friable material must be completely removed from all surfaces before application of the product</li> <li>• Steel: sand blasting SA 2½ or mechanical method (ST3)</li> </ul>
<b>PRIMING</b>	<ul style="list-style-type: none"> <li>• Use Euro Polymers EP-2WT Primer with consumption 0.25-0.30 kg/m<sup>2</sup>, leave it dried for 3-8 hours prior application of EC-2WT</li> </ul>
<b>MIXING</b>	<ul style="list-style-type: none"> <li>• Strictly follow the ratio A:B = 4:1 (by weight). Mix thoroughly using paint mixer for 3-5 mins until a homogenous mixture achieved</li> <li>• When apply for small area (partial mixing), to avoid the uncured due to wrong ratio between parts (A&amp;B), need to quantify each part carefully and accurately prior mixing and applying</li> <li>• Measure the application areas and calculate the enough amount of product to avoid wastage. The mixed product must be used within 30 mins.</li> </ul>

<b>APPLICATION</b>	<ul style="list-style-type: none"> <li>Apply EC-2WT in well ventilated areas at &gt;15°C and &lt;85% RH. The 2nd coat of EC-2WT should be applied right after the 1st coat has dried. In case of recoat time exceeded 72 hours or surface is clinging to dust, sand, ...clean the area prior recoat</li> <li>After the 1st coat of EC-2WT has dried for 6-8 hours. Any crack, gap on floor or between walls - floor to wall, Epoxy DY-101 need to be used to patch up prior 2nd coat for finishing</li> <li>Clean all application tools using water before it cures</li> </ul>
<b>CONSUMPTION</b>	<ul style="list-style-type: none"> <li>6-8m<sup>2</sup>/kg/coat</li> <li>Concrete floor: 2 coats are required. Portable water or wasted water tanks: 3 coats are required</li> </ul>
<b>PACKAGING &amp; STORAGE</b>	<ul style="list-style-type: none"> <li>20kg set (component A: 16kg, component B: 4kg)</li> <li>Product shelf life is 12 months (at 5°C-30°C). Keep un-opened drum in dry, well ventilated storage. Avoid any contact with moisture, water and alcohol. Use the product as soon as the lid has opened</li> </ul>

## TECHNICAL DATA

Color	Grey, Blue
Density	1.3 -1.4kg/ltr (mixture) depend on color
Solid content	60 ± 5%
Number of coats required	2-3 coats
Mixing ratio	A : B = 4 : 1 (by weight)
Dry time	Touch free: ~ 2 hours Dried: ~ 8 hours Full cured: ~ 7 days
Overcoat time	~ 6 - 8 hours
Pot life (30°C)	25 - 30 mins
Dilution	Water, 5-10%

## CHEMICAL STABILITY OF EC-2WT PRODUCTS WHEN SUBMERGED

Impact resistance	No crack or peel off
Chemical resistance when soak in	
Distilled water (48 hours)	No blistering
NaCl 30% or sea water (168 hours)	No blistering
NaOH (168 hours)	No blistering
DO oil (168 hours)	No blistering
Nitric Acid 10% (24 hours)	No blistering
Acetic Acid 10% (24 hours)	Blistered
HCl 10% (168 hours)	Blistered
H <sub>2</sub> SO <sub>4</sub> 10% (144 hours)	Blistered

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**PRECAUTIONS**

Should apply in a well-ventilated area, keep away from any smoke, fire source; Use a fan if necessary. Wear a safety equipment such as respirator, glove goggles. In case of contact with eyes, rinse eyes with plenty of water and seek for a physician care as soon as possible. Note that solvents are volatile substances. Please read all information in product data sheet before applying. These information may be updated without prior notice. Please contact us or visit our website for updated technical data and instructions.

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**DISCLAIMER**

*All guidance, recommendations, reports and technical data contained in this document are based on information and testing we believe to be reliable and accurate, but the accuracy and completeness of the articles of above inspection is not construed as warranty. It is the user's responsibility to clarify themselves with the information and to check to determine the suitability of the product for its own use, application and work situation. We do not recommend or guarantee that any of the hazards listed here are the only ones that may exist. Neither the seller nor the manufacturer shall be liable to the buyer or a third party for any loss or damage directly or indirectly resulting from the use or inability to use the product. Recommendations or representations, whether written or oral, except as outlined in this document are not binding on the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the appropriate materials and application procedures. Test results have been obtained based on a lab condition and Euro Paint Vietnam Co., Ltd. does not believe that these tests or any other test, are accurate for all environmental conditions.*

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