

## Flowerpoxy Enamel/ Hardener

Update: 22/5/2010

### PRODUCT SPECIFICATION

<b>PRODUCT NUMBER</b>	3200HK Series/ 327HK
<b>PRODUCT NAME</b>	Flowerpoxy Enamel/ Hardener

### INTRODUCTION

<b>RECOMMENDED USES</b>	For topcoating suitably primed, interior and exterior iron, steel, masonry and concrete surfaces and floorings.
<b>PRODUCT DESCRIPTION</b>	<p>A high-gloss and high-performance 2-component epoxy coating for interior and exterior uses. Formulated with selected chemical and weathering resistant pigments. Can also be used as a floor coating over concrete or blasted steel and as a sealer for concrete and masonry epoxy/ polyurethane systems.</p> <ul style="list-style-type: none"> <li>• Excellent adhesion</li> <li>• Hard, tough and abrasion resistance</li> <li>• Protects surfaces from fumes and spillages of mild acids ,acids , fuels, oils, solvents and salts</li> <li>• Excellent water and moisture resistance</li> </ul>

### TECHNICAL DATA

<b>VEHICLE</b>	Epoxy Resin / Polyamine cured			
<b>COLOUR</b>	Standard colours (Other colours on request)			
<b>FINISH</b>	Gloss			
<b>VOLUME SOLIDS</b>	40%-50% (Vary with colours)			
<b>TYPICAL DRY FILM THICKNESS</b>	50 microns (25 microns x 2 coats)			
<b>CALCULATED COVERAGE</b>	* 9-10 sq. m/ L/ 2 coats (At 50 microns)			
<b>DRYING TIME AT 25° C &amp; 70% RH</b>	Touch Dry	Hard Dry	Overcoating	
	1 hour	24 hours	Min. - 12 hours Max. - 7 days	

*\* Based on theoretical consumption; factors such as paint colour, application methods, surrounding environment and substrate conditions will affect the actual consumption.*

### STANDARD PACKING

<b>4L set:</b> 3200HK: 3.2L net in 4L Tin 327HK : 0.8L net in 1L Tin	<b>20L set:</b> 3200HK: 16L net in 20L Tin 327HK : 4L net in 4L Tin
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# Flower

Architectural & Decorative Coatings

## Flowerpoxy Enamel/ Hardener 3200HK Series/ 327HK

### SURFACE PREPARATION



<b>MASONRY/ CONCRETE SURFACES</b>	<ul style="list-style-type: none"> <li>• Surface must be stable, clean, dry, free from grease and contaminants before application.</li> <li>• New concrete should be stable and allowed to age for at least 4 weeks under normal drying conditions before application.</li> <li>• Remove loose mortar, laitance and efflorescence by wire brushing.</li> <li>• Smooth out the irregularities of interior masonry surface with Flower Patching Paste #901.</li> </ul>
<b>IRON/ STEEL SURFACES</b>	<ul style="list-style-type: none"> <li>• 3200HK Series must be applied onto suitably primed surfaces, which should be clean, dry and free from grease.</li> </ul>
<b>PREVIOUSLY PAINTED SURFACES</b>	<ul style="list-style-type: none"> <li>• <b>For the best compatibility with the existing coatings, please consult our Technical Service for specific recommendations.</b></li> </ul>

### COMPLEMENTING PRODUCTS

	PRIMER
<b>MASONRY/ CONCRETE</b>	Flower Concrete Sealer/ Hardener #326HK/ 326BHK*
<b>IRON/ STEEL</b>	Flowerpoxy Anti-Corrosive Primer/ Hardener #922HK/ 932HK* <i>*Sales in Hong Kong only</i>

### APPLICATION

<b>MIXING RATIO</b>	3200HK : 327HK = 4 : 1 (BY VOLUME)
<b>INDUCTION TIME</b>	10-15 mins.
<b>APPLICATION METHOD</b>	Brush, Roller or Conventional Spray
<b>REDUCTION RATIO BY VOLUME</b>	Brush/ Roller - Reduce 10 parts of 3200HK & 327HK mixture with 3.5 parts of #99-000128 Conventional Spray - Reduce 10 parts of 3200HK & 327HK mixture with 5 parts of #99-000128
<b>POT LIFE</b>	<ul style="list-style-type: none"> <li>• 8 hours at 25 °C / 4 hours at 35 °C (Pot-life will vary with ambient temperatures.)</li> <li>• Unused mixed material should not be mixed with the virgin material.</li> </ul>
<b>REDUCTION/ CLEANSING SOLVENT</b>	Giraffe Eco Reducer #99-000128

<b>OTHER CONSIDERATIONS</b> 	<ul style="list-style-type: none"> <li>• Stir well before use.</li> <li>• If the concrete surface is coated with concrete roborant, the viscosity of floor enamel and surface should be tested before application.</li> <li>• For proper curing of paint, the surface temperature should be 10°C or above and the relative humidity should not exceed 85%.</li> <li>• Recoat after the suggested self-recoat time. Short self-coating time will cause the underneath film dry slowly, resulting in crinkle, poor water resistance and adhesion.</li> <li>• Close the lid tightly after use and store at a cool, dry place (0-35°C).</li> </ul>
<b>HEALTH &amp; SAFETY PRECAUTIONS</b> 	<ul style="list-style-type: none"> <li>• Flashpoint 28°C.</li> <li>• This product is inflammable. Keep away from sparks and open flames. No smoking should be permitted in the working area.</li> <li>• Provide adequate ventilation during paint application.</li> <li>• Wear fume masks and protective clothings to avoid skin contact or inhalation of spray mist.</li> <li>• If the product comes in contact with the skin, wash thoroughly with luke warm water, and soap or suitable cleanser.</li> <li>• If the eyes are contaminated, flush with water or diluted boric acid solution for minimum 10 minutes and obtain medical attention at once.</li> <li>• Keep out of reach of children.</li> </ul>

\* Type of Regulation Paint under the Air Pollution Control (Volatile Organic Compounds) Regulation of Hong Kong : P10-03  
VOC content (ready to use) ≤ 420 g/L

The information given in this sheet is for guidance only and no warranty is provided. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development. It is the user's responsibility to check this sheet is current prior to using the product.



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