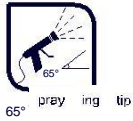






Glass Flake Reinforced Epoxy

PRODUCT NAME :	PARAFLAKE 90E																										
DESCRIPTION :	<i>A two component high solid glass flake reinforced epoxy with anti-corrosive pigmentation.</i>																										
RECOMMENDED USE :	<i>Designed to be an anti-corrosive protection of blast cleaned steel structures surfaces. Suitable for use on cathodically protected steel. For immersed structures a suitable primer may be required.</i>																										
PERFORMANCE :	<ul style="list-style-type: none"> • Excellent anti-corrosive performance • Excellent resistance to immersion in sea water • Excellent resistance to moisture • Excellent resistance to corrosive chemicals (acid/alkali) • Excellent resistance to petroleum solvents and aliphatic solvents • Excellent resistance to abrasion and weather 																										
PHYSICAL PROPERTIES																											
Volume Solids	90%																										
Theoretical Coverage	2.25m ² /litre @ 400 microns DFT																										
Type	Two components																										
Packing Ratio	3.75 litres Base : 1.25 litres Hardener																										
Colour Availability	Selected Colour Range.																										
Flash point	9°C (mixed)																										
Recommended Thickness	400 microns DFT																										
Recommended Thinner	Thinner No. 9																										
PRACTICAL APPLICATION RATES – microns per coat	<i>Airless Spray</i>																										
	Dry 400																										
	Wet 444																										
AVERAGE DRYING TIME	<table border="1"> <thead> <tr> <th rowspan="2">Ambient Temperature</th> <th rowspan="2">Touch Dry</th> <th rowspan="2">Hard Dry</th> <th colspan="2">Overcoating Interval</th> <th rowspan="2">PotLife</th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>15°C</td> <td>6 hours</td> <td>16 hours</td> <td>4 hours</td> <td>10 days</td> <td>1.5 hours</td> </tr> <tr> <td>25°C</td> <td>5 hours</td> <td>12 hours</td> <td>3 hours</td> <td>8 days</td> <td>1 hour</td> </tr> <tr> <td>35°C</td> <td>4 hours</td> <td>8 hours</td> <td>3 hours</td> <td>4 days</td> <td>1 hour</td> </tr> </tbody> </table>	Ambient Temperature	Touch Dry	Hard Dry	Overcoating Interval		PotLife	Minimum	Maximum	15°C	6 hours	16 hours	4 hours	10 days	1.5 hours	25°C	5 hours	12 hours	3 hours	8 days	1 hour	35°C	4 hours	8 hours	3 hours	4 days	1 hour
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<p>Packing Shelf Life</p>	<p>5 litres and 20 litres 12 months under normal condition.</p>
<p>SURFACE PREPARATION</p>	<p><u>Steel</u> Abrasive blast clean to a minimum standard of Sa2.5 (ISO8501-1:1988) or SSPC-SP10. For optimum performance and for highly corrosive conditions, blasting to Sa3/First Quality or SSPC-SP5 is recommended. Average surface profile of 50-75 microns is required. The surface to be coated must be clean and dry and free from all visible traces of surface contaminants.</p>
<p>APPLICATION DATA Application methods Mixing ratio (by volume) Thinner Airless Spray</p>	<p>Airless Spray. 3 parts Base to 1 part Hardener Thinner No. 9 (Maximum 5% addition)</p> <p>Nozzle Size : 0.38-0.53mm (18-21 thou) Fan Angle : 65° Operating Pressure : 210 kg/cm² (3000 psi)</p> 
<p>APPLICATION CONDITIONS AND OVERCOATING</p>	<p>This product should preferably be applied at temperature in excess of 10°C. In conditions of high relative humidity i.e. 80-85%, good ventilation conditions are essential. Substrate temperature should be at least 3°C above the dew point. At application temperature below 10°C, drying and curing time will be significantly impaired. Application at temperature below 5°C is not recommended. The maximum air and substrate temperature for application is 40°C providing conditions allow satisfactory application and film formation. If the air and substrate temperature exceed 40 °C and epoxy coatings are applied under this condition results paint film defects such as dry spray, bubbling and pinholing etc. can occur within the coating. In order to achieve optimum water and chemical resistance, temperature needs to be maintained above 10°C during curing. If it is desired to overcoat outside the times stated on the data sheet, please seek advice from Kansai Coatings Malaysia representative.</p>
<p>HEALTH AND SAFETY</p>	<p>Consult Chemical Safety Data Sheet for information on safe handling and application of this product</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>Keep seal tight</p> </div> <div style="text-align: center;">  <p>Secure upright</p> </div> <div style="text-align: center;">  <p>Wear proper protection</p> </div> <div style="text-align: center;">  <p>Practice proper disposal</p> </div> </div>

For further information on Product Data, please contact: Protective Coatings Sales Department
Kansai Paint Asia Pacific Sdn Bhd. (705919-W)
4 Solok Waja 2, Kawasan Perindustrian Bukit Raja, 41710 Klang, Selangor,
Malaysia. Tel: 6(03) 3362 2388 Fax: 6(03) 3342 7223

DISCLAIMER:

The information in this sheet is provided to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond the manufacturer's control, it is the sole responsibility of the buyer to obtain confirmation from the manufacturer on the suitability of the product for the intended use. Therefore, the manufacturer can accept no liability for the performance of the product, or any loss or damage arising out of such use. The information detailed in this data sheet is subject to change without notice in light of experience and of normal product development.