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| PRODUCT NAME : | KANSAI PLC 450 PU |
| DESCRIPTION : | KANSAI PLC 450 PU is a two-component aliphatic polyurethane coating. This high gloss, tile-like, attractive topcoat with hard film which is readily cleaned. KANSAI PLC 450 PU has very good resistance to splash and spillage of acids, alkali and most of the common solvents. It also exhibits excellent resistance to splash and spillage of salts and water. |
| RECOMMENDED USE : | KANSAI PLC 450 PU is recommended as a finish coat or exteriors of tanks, equipment, piping, structural steel and concrete where chemical resistance, toughness and weather ability are required. A protective and decorative topcoat for concrete walls and floor, structural steels in chemical processing, pulp and paper, petrochemical, bridges, marine and offshore facilities. |
| PERFORMANCE : | <ul style="list-style-type: none"> • Attractive – exhibit tile-like finish • Hard wearing – very high abrasion resistant surface • Gloss – high gloss and excellent gloss retention • Steam cleaning – suitable for areas require • Excellent flexibility |
| PHYSICAL PROPERTIES | |
| FINISH | Gloss and Matt |
| COLOUR | Clear, Fluorescent, and wide range of colours (Refer to colour chart) |
| VOLUME SOLIDS | 50 % |
| NO. OF COMPONENTS | Two |
| MIXING RATIO | 7 part of A to 1 part of B by volume |
| RECOMMENDED THICKNESS | 50 microns DFT per coat 100 microns WFT per coat |
| THEORETICAL COVERAGE | 10 m ² /litre @ 50 microns DFT |
| NO. OF COATS | One or Two |
| RECOMMENDED DRYING TIME | Touch dry : 2 to 3 hours Recoat : 24 hours |
| POT LIFE | 4 hours at 30°C Continuous : 93°C |
| TEMPERATURE | Non-continuous : 120°C |
| RESISTANCE | |
| PACKING SIZE | 5 Litres : Part A – 4.375 litres Part B – 0.625 litres 20 Litres: Part A – 17.5 litres |

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| | <i>Part B – 2.5 litres</i> | | |
| CHEMICAL RESISTANCE GUIDE | Exposure | Splash & Spillage | Fumes |
| | <i>Acids</i> | <i>Very Good</i> | <i>Excellent</i> |
| | <i>Alkali</i> | <i>Very Good</i> | <i>Excellent</i> |
| | <i>Solvents</i> | <i>Very Good</i> | <i>Excellent</i> |
| | <i>Salt water</i> | <i>Excellent</i> | <i>Excellent</i> |
| | <i>Water</i> | <i>Excellent</i> | <i>Excellent</i> |
| SURFACE PREPARATION | <i>The surface to be coated must be thoroughly cleaned and degreased to ensure that oil, grease and other surface contaminants are removed. KANSAI PLC 450 PU shall be applied over clean, dry recommended primer or tie-coat.</i> | | |
| MIXING | <i>Stir Part A thoroughly in the container with power mixer, then pour Part B into Part A in the pre-weighed packing and continue to stir. Mix to a uniform consistency before thinning.</i> | | |
| THINNING | <i>Thin not more than 10% by volume with KANSAI PLC Thinner #73 only when necessary for workability.</i> | | |
| APPLICATION | <i>KANSAI PLC 450 PU can be applied by rollers, brushes or spraying equipment. Make sure sufficient material is applied evenly to the entire surface to ensure maximum penetration. For application in enclosed area, provide sufficient ventilation to ensure proper drying of applied materials.</i> | | |
| CURING | <i>The rate of curing is dependent on temperature and other environmental conditions. Provide good ventilation immediately after application to ensure proper and speed curing.</i> | | |
| CLEANING | <i>Clean all application tool with KANSAI PLC Cleaner #72 immediately after use.</i> | | |

For further information on Product Data, please contact:

Protective Coatings Sales Department

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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.