




| PRODUCT NAME : | KANSAI SURESEAL PS 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---------------|--------------|-----------------------|----------|---------------------|-------------|---------------|----------|-----------------------|--|---------------|---------|------|---|---|-------------|----------------------|--|--|--|--|--|--|---|--|--|--|--|--------------------|---|--|--|--|--|------------------|-------------------------|--|--|--|--|--|--|--|--|--|--|
| DESCRIPTION : | <p>KANSAI SURESEAL PS 28 is a two-component silane modified, low viscosity, clear epoxy penetrating primer-sealer.</p> <p>When applied over concrete surfaces, KANSAI SURESEAL PS 28 penetrates and enhances the concrete surfaces to provide surfaces with increased hardness and better resistance against moisture penetration and prevents dusting.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RECOMMENDED USE : | <p>As primer-sealer on concrete prior to application of surface, membranes or toppings. It meets the ASTM C-309 Type 1 specification for moisture retention of concrete.</p> <p>This clear sealer can also be used as a surface hardener for concrete floors in workshops, garages, mechanical rooms and warehouses to prevent dusting.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERFORMANCE : | <ul style="list-style-type: none"> • Easy mixing - one to one ratio by volume. • Fast dry - can be top coated within 3 hours. • Deep penetration into concrete surface to avoid peeling. • Good resistance against mild chemicals. • Very long pot life - more than 12 hours after mixing. • Excellent dust sealer for concrete floor. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHYSICAL PROPERTIES | <table border="0"> <tr> <td>Color</td> <td colspan="5">Light Amber</td> </tr> <tr> <td>Volume Solids</td> <td colspan="5">30 %</td> </tr> <tr> <td>Theoretical Coverage</td> <td colspan="5">12.0 m²/liter @ 25 microns DFT (for non-penetrating surfaces)</td> </tr> <tr> <td></td> <td colspan="5">6 to 8 m²/liter (for concrete surface)</td> </tr> <tr> <td>Practical Coverage</td> <td colspan="5">Varies depending on surface condition, environment, application, etc.</td> </tr> <tr> <td>Specific Gravity</td> <td colspan="5">0.900 g/cm³</td> </tr> <tr> <td></td> <td colspan="5">*These numerical values are subject to normal manufacturing tolerances, color and testing variances.</td> </tr> </table> | | | | | Color | Light Amber | | | | | Volume Solids | 30 % | | | | | Theoretical Coverage | 12.0 m ² /liter @ 25 microns DFT (for non-penetrating surfaces) | | | | | | 6 to 8 m ² /liter (for concrete surface) | | | | | Practical Coverage | Varies depending on surface condition, environment, application, etc. | | | | | Specific Gravity | 0.900 g/cm ³ | | | | | | *These numerical values are subject to normal manufacturing tolerances, color and testing variances. | | | | |
| Color | Light Amber | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volume Solids | 30 % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Theoretical Coverage | 12.0 m ² /liter @ 25 microns DFT (for non-penetrating surfaces) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 to 8 m ² /liter (for concrete surface) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Practical Coverage | Varies depending on surface condition, environment, application, etc. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Specific Gravity | 0.900 g/cm ³ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | *These numerical values are subject to normal manufacturing tolerances, color and testing variances. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRACTICAL APPLICATION | | <i>Roller</i> | <i>Brush</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RATES – microns per coat | <i>Dry</i> | 50 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <i>Wet</i> | 83 | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVERAGE DRYING TIME | <table border="1"> <thead> <tr> <th rowspan="2">Ambient Temperature</th> <th rowspan="2">Touch Dry</th> <th rowspan="2">Semi Hard Dry</th> <th rowspan="2">Gel Time</th> <th colspan="2">Over coating Interval</th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>30°C</td> <td>-</td> <td>-</td> <td>20-24 hours</td> <td>2 hours</td> <td>24 hours</td> </tr> </tbody> </table> | | | | | Ambient Temperature | Touch Dry | Semi Hard Dry | Gel Time | Over coating Interval | | Minimum | Maximum | 30°C | - | - | 20-24 hours | 2 hours | 24 hours | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambient Temperature | Touch Dry | Semi Hard Dry | Gel Time | Over coating Interval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Minimum | Maximum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30°C | - | - | 20-24 hours | 2 hours | 24 hours | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Epoxy Penetrating Sealer

| | |
|--|--|
| | <p><i>*Drying time may vary depending on film thickness, ventilation, humidity, undercoat paint condition etc.</i></p> <p><i>*The over coating intervals are based on over coating with same or same type of paint.</i></p> |
| <p>PACKING</p> <p>SHELF LIFE</p> <p>STORAGE</p> | <p>Part A: 5 L Part B: 5 L</p> <p>1 year from date of production</p> <p>Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Stored conditions shall be in accordance with national regulations.</p> |
| SURFACE PREPARATION | <p>The surface to be coated must be thoroughly cleaned and degreased to ensure that oil, grease and other surface contaminants are removed. Fins and protrusions must be removed by grinding or sanding. New concrete shall be allowed to cure for at least 28 days before application of KANSAI SURESEAL PS 28.</p> |
| <p>APPLICATION DATA</p> <p>Mixing</p> <p>Mixing Ratio</p> <p>Thinner</p> <p>Induction Time</p> <p>Application Method</p> <p>Clean Up</p> | <p>Mix the pre-measured contents of Part A and Part B until a homogenous mixture is obtained. The mixed material shall be allowed for 1 hour "sweat-in" prior to application. KANSAI SURESEAL PS 28 is designed to have very low viscosity to ensure deep penetration. No thinning is required during application.</p> <p>Base/Hardener: 1/1 by volume</p> <p>No thinning is required</p> <p>N/A</p> <p><u>Conventional or airless spray</u></p> <p>Thinner: 5-10% by weight</p> <p><u>Brush/Roller</u></p> <p>Power mix thinner if required.</p> <p><i>*Too much thinning result sagging and slower cure.</i></p> <p>Clean all the equipment with thinner KANSAI PLC Cleaner #72 immediately after use</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Application method</p> </div> <div style="text-align: center;">  <p>65° spraying tip</p> </div> <div style="text-align: center;">  <p>Practice proper cleaning</p> </div> </div> |
| <p>APPLICATION CONDITIONS</p> | <p>Make sure sufficient materials is applied evenly over the entire surface to ensure maximum penetration. For application in enclosed areas, provide sufficient ventilation to ensure proper drying of the applied materials.</p> <p>The coated surface can be opened to foot traffic 24 hours after application. With good ventilation, topcoats can be applied after 2 to 3 hours.</p> <p>If it is desired to overcoat outside the times stated on the data sheet, please seek advice from Kansai Paint Asia Pacific representative.</p> |

HEALTH AND SAFETY

Consult Chemical Safety Data Sheet for information on safe handling and application of this product



Keep seal tight



Secure upright



Wear proper protection



Practice proper disposal

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, P.O.BOX 159, 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.