

<b>PRODUCT NAME :</b>	<b>KANSAI SURECEM 3050 EC</b>
<b>DESCRIPTION :</b>	<i>KANSAI SURECEM 3050 EC is a three components, self-levelling, epoxy modified cementitious floor topping. It is specially formulated to provide good flow properties, improved workability and high strength.</i>
<b>RECOMMENDED USE :</b>	<p><i>KANSAI SURECEM 3050 EC is a specially designed self-levelling floor topping for new constructions and maintenance works, which includes: -</i></p> <ul style="list-style-type: none"> <li>• <i>As a levelling layer beneath other floor toppings.</i></li> <li>• <i>Floor topping on floor slab that subjects to rising dampness.</i></li> <li>• <i>Patching of concrete surface before other floor works.</i></li> <li>• <i>Substrate for other synthetic flooring materials like vinyl sheets, vinyl tiles or carpet.</i></li> </ul>
<b>PERFORMANCE :</b>	<ul style="list-style-type: none"> <li>• <i>Can be over-coated with water based epoxy coating after 6 hours.</i></li> <li>• <i>Easy to apply.</i></li> <li>• <i>Good flow properties.</i></li> <li>• <i>Excellent adhesion to damp surfaces.</i></li> <li>• <i>High mechanical strengths.</i></li> <li>• <i>Resistant to water and oil.</i></li> <li>• <i>Waterproof.</i></li> <li>• <i>Prevent corrosion of reinforcement steel bars.</i></li> </ul>
<b>PHYSICAL PROPERTIES</b>	
<b>COLOUR</b>	Grey
<b>PHYSICAL FORM</b>	Powder mix.
<b>NO. OF COMPONENTS</b>	Three
<b>COVERAGE</b>	5 m <sup>2</sup> / pack
<b>ADHESION STRENGTH</b>	Approx. 2 N/mm <sup>2</sup>
<b>COMPRESSIVE STRENGTH</b>	50 N/mm <sup>2</sup>
<b>FLEXURAL STRENGTH</b>	15 N/mm <sup>2</sup>
<b>OPEN TIME</b>	15 minutes
<b>SETTING TIME</b>	Light traffic : 24 hours Full cure : 7 days
<b>STORAGE CONDITION</b>	Cool and Dry
<b>SHELF LIFE</b>	6 months
<b>PACKING SIZE</b>	25 kg : Part A – 1.97 kg Part B – 4.6 kg Part C – 18.43 kg

<b>SURFACE PREPARATION</b>	<i>Surface to be applied shall be clean, sound and free from oil, grease, laitance and other loose particles. The preferred modes of surface preparation are mechanical grinding or abrasive blasting.</i>
<b>PRIMER</b>	<i>Surface to receive the topping shall be primed with KANSAI SURESEAL 411 WB Primer prior to topping.</i>
<b>MIXING</b>	<i>Pour Part B into the container of Part A and stir well with power stirrer. Pour the mixed materials into a pail and add in Part C with continuous stirring. Mix thoroughly for at least 3 minutes.</i>
<b>APPLICATION</b>	<i>After mixing, the materials must be evenly spread with suitable rubber or steel trowel .</i>
<b>PLOT LIFE</b>	<i>The open time is 15 minutes to 20 minutes depending on temperature and humidity. Do not apply in areas where temperature falls below 5°C.</i>
<b>SEALER</b>	<i>The screed shall be sealed with KANSAI SURESEAL PS 38 solvent free epoxy sealer within 48 hours after the laying</i>
<b>TOPCOATS</b>	<i>The suitable topcoats are :</i> <ul style="list-style-type: none"><li>• <i>KANSAI PLC 310 PU – Aliphatic PU Coating</i></li><li>• <i>KANSAI PLC 108 SB – Solvent-based Epoxy</i></li><li>• <i>KANSAI PLC 118 ST – High Solids Epoxy</i></li><li>• <i>KANSAI SURESEAL 2005 SF – Solvent Free Epoxy</i></li><li>• <i>KANSAI CONDUCCOAT – ESD Coatings Systems</i></li></ul>

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.*