

<b>PRODUCT NAME :</b>	<b>KANSAI SURECEM 1020 SL</b>
<b>DESCRIPTION :</b>	<i>KANSAI SURECEM 1020 SL is a cement based, self-levelling underlayment for interior application. It is fast drying and formulated for used over a wide range of substrates.</i>
<b>RECOMMENDED USE :</b>	<i>KANSAI SURECEM 1020 SL can be used to prepare stable and flat sub-floors for installation of new coverings. Suitable for substrates such as cement-sand screeds, concrete or synthetic anhydrides and non-absorbent surfaces such as terrazzo, ceramic and quarry tiles.</i>
<b>PERFORMANCE :</b>	<ul style="list-style-type: none"> <li>• <i>High strength.</i></li> <li>• <i>Excellent flow ability</i></li> <li>• <i>Designed to suit pump application with suitable equipment</i></li> <li>• <i>Fast setting for quick construction progress</i></li> <li>• <i>No grinding of surface necessary to achieve flatness</i></li> </ul>
<b>PHYSICAL PROPERTIES</b>	
<b>COLOUR</b>	Grey
<b>DENSITY</b>	1.5 kg/lit (powder density)
<b>NO. OF COMPONENTS</b>	One (To be add with water)
<b>WATER ADDITION</b>	Water : Cementitious product
<b>CONSUMPTION RATE</b>	4.7 – 4.8 liters per 20kg bag
<b>THICKNESS</b>	3 – 10mm per layer
<b>POT LIFE</b>	30 minutes
<b>PACKING SIZE</b>	20 kg per bag
<b>COVERAGE</b>	~ 4.1 m <sup>2</sup> / 20kg @ 3mm thickness
<b>FOOT TRAFFICABLE</b>	~ 4 hrs. at 28°C
<b>COMPRESSIVE STRENGTH</b>	28 N/mm <sup>2</sup> (28 days)
<b>FLEXURAL STRENGTH</b>	7.4N/mm <sup>2</sup> (28 days)
<b>PULL OUT STRENGTH</b>	2.5 N/mm <sup>2</sup> (28 days)
<b>TENSILE STRENGTH</b>	~1.5 N/mm <sup>2</sup>

## High Performance Self-levelling Floor Underlayment

SURFACE PREPARATION	<i>The substrate must be sound, clean and free from oil, grease, laitance, dust or other surface contaminants. Concrete slabs and cement sand screeds must be fully cured for 28 days. Any laitance or separating agents must be thoroughly removed.</i>
PRIMING	<i>Priming with KANSAI SUREADD SBR is recommended for better adhesion and to reduce permeability of substrate that will cause bubbling. Do not apply primer over standing water, saturated surface dry is sufficient.</i>
MIXING	<i>Pour approximately 80% of the recommended water into a clean container and gradually add the powder while mixing continuously for 3-4 minutes until free from lumps and flowing consistency is achieved. Add remaining water if necessary, mixing continuously. Mix full bags each time and do not add extra water to regain flow ability once the material has been left to stiffen.</i>
APPLICATION	<i>KANSAI SURECEM 1020 SL can be applied by using steel trowel or squeegee. Pour the freshly mixed material onto the prepared surfaced and spread to the required thickness. Then, by using spike roller, spike roll to release entrapped air and smooth out trowel ridges to achieve the final smooth finish.</i>
PUMP APPLICATION	<i>A batch type mixer / pump system is recommended. If the pump has a continuous water and powder feed, only high trained personnel shall be deployed. Monitoring the water to powder ratio is a must.</i>
CURING	<i>KANSAI SURECEM 1020 SL is a self-curing and shall be protected from excessive heat or direct sunlight and strong winds which can affect the strength development. Avoid traffic and mechanical loads until fully cured.</i>

For further information on Product Data, please contact:

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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.*