

Technical Data Sheet: Ref: TDS-HPC-0001-V02

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## A570-2020

### POLYAMINE CURED PRIMER& INTERMEDIATE EPOXY FLOORING

<b>GENERIC TYPE</b>	Epoxy																								
<b>DESCRIPTION</b>	A570-2020 is a two components, polyamine cured, HS epoxy floor coating with an excellent abrasion resistance on concrete surfaces.																								
<b>RECOMMENDED USE</b>	As a suitable floor coating on sealed indoor concrete or steel industrial floors subjects to continuous mechanical wear and where chemical and solvents resistance is required.																								
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>-Excellent mechanical strength</li> <li>-High Oil resistance</li> <li>-High chemical resistance against weak acids &amp; alkalis</li> <li>-Outstanding application properties</li> <li>-Abrasion Resistant</li> </ul>																								
<b>PHESICAL PROPERTIES</b>	<table border="1"> <tr> <td>Finish</td> <td>Semi-Gloss - Gloss</td> </tr> <tr> <td>Color</td> <td>Upon request</td> </tr> <tr> <td>Solid by volume</td> <td>97±3%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.7±0.1 gr/cm3</td> </tr> <tr> <td>Flash point</td> <td>&gt; 60 °c</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>1000-3000 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>1-0.31 m<sup>2</sup> / Lit</td> </tr> <tr> <td></td> <td>Practical coverage depends on loss factor</td> </tr> <tr> <td>Touch dry (man traffic)</td> <td>24 hrs. at 20°c</td> </tr> <tr> <td>Hard dry (vehicle traffic)</td> <td>72 hrs. at 20°c</td> </tr> <tr> <td>Full Cured</td> <td>7 days. at 20°c</td> </tr> <tr> <td>To Recoat</td> <td>Min 16 hrs. at 20°c , Max 96 hrs. at 20°c</td> </tr> </table>	Finish	Semi-Gloss - Gloss	Color	Upon request	Solid by volume	97±3%	Specific Gravity	1.7±0.1 gr/cm3	Flash point	> 60 °c	Recommended D.F.T.	1000-3000 microns	Theoretical coverage	1-0.31 m <sup>2</sup> / Lit		Practical coverage depends on loss factor	Touch dry (man traffic)	24 hrs. at 20°c	Hard dry (vehicle traffic)	72 hrs. at 20°c	Full Cured	7 days. at 20°c	To Recoat	Min 16 hrs. at 20°c , Max 96 hrs. at 20°c
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## SURFACE PREPARATION

### A. NEW WORK:

#### 1. Concrete Floors:

- 1.1. The concrete should have been cured for at least 28 days and have moisture content of less than 4%.
- 1.2. Floors should be sound and free from loose materials and any contamination such as oil and grease that would prevent coating adhesion.
- 1.3. Excess laitance deposits should be removed by light mechanical scrubbing, grinding or grit/captive blasting followed by vacuum cleaning to remove dust debris.

### B. OLD CONCRETE FLOORS:

- 1.1. A sound, clean substrate is essential to achieve maximum adhesion.
- 1.2. Excess laitance deposits should be removed by light mechanical scrubbing, grinding or grit/captive blasting followed by vacuum cleaning to remove dust debris.

### C. Filling:

1. Fill the dents and cracks in the surface with mixture of 1 Part of Kansai Epoxy SF Floor Primer and 2 parts of Kansai Fine Aggregate or with Kansai Epoxy filler.

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## APPLICATION PROCEDURE

- Mix the base and hardener of Kansai Epoxy SF Floor Primer in the given proportion, mix only the required quantity for use, do not mix and store.
- Stir using slow speed drill and paddle.
- Pour the mixture on the floor and spread using medium pile hair roller or rubber spreader or by spray machines.
- Ensure any loose hair is removed from the roller.
- The primer should be dried to tack-free condition before applying the top coat. A second coat of primer may be required if the substrate is excessively porous.
- Light buffing and de-dusting is a must before application of subsequent coat.

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## CAUTIONS

- Friable and powdery surfaces require special care before painting; if in doubt, contact manufacturer.
- For health reasons avoid dusting when preparing fiber cement surfaces. Keep surfaces wet and wash off residues with water.
- Do not paint under conditions of frost, dew, rain or fog or inclement weather.
- Note:** Painting under the above conditions may affect the performance of the paint film.
- Avoid painting during inclement weather or if temperature is below 10 °C.
- To ensure colors on a project are consistent check if the batch numbers and/or colors supplied are the same.

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## STORAGE

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations.

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## SHELF LIFE

12 months from date of production.

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**SAFETY  
PRECAUTIONS**

- Keep out of reach of children.
- Ensure good ventilation during application and drying.
- In case of skin contact, wash with soap and water or a recognized skin cleaner.
- Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.
- Harmful if swallowed. Do not induce vomiting. Seek medical attention.
- Do not smoke while painting.
- Flammable. Store in a cool dry place away from heat and sparks.
- Refer to Material Safety Data Sheet for complete information.

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DISCLAIMER: The information given on this sheet is to the best of our knowledge and accurate at the time of issuing. Since conditions of use are beyond the manufacturer's control information contained herein is without warranty implied or otherwise and the suitability of the material for the use contemplated is the sole responsibility of the buyer. The information contained on this data sheet is subject to modification at any time due to our policy of modification and product development.