

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

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Date of issue: June 2017

A570-2021

HS POLYAMINE CURED EPOXY GROUT

GENERIC TYPE	Epoxy																								
DESCRIPTION	A570-2021 is a three components, this product has ability to fill tile / stone joints .the grout is best mixed to a smooth, creamy consistency. Epoxy grout is Hygienic, hard-wearing, impervious, epoxide resin-based grout with a high degree of resistance to chemical attack, abrasion and impact. Epoxy grout does not permit the entry of bacteria or dirt anodes easily maintained in a sterile condition.																								
RECOMMENDED USE	As a suitable for food industry and sterile condition is necessary or as a sealer on concrete for Warehouses, garages, dairies, factories, laboratories, aircraft hangers, plant rooms.																								
FEATURES	<ul style="list-style-type: none"> -Sterile -Excellent mechanical strength -Hygienic and chemical resistant -Durable joints -Stain and bacterial resistant -Abrasion Resistant 																								
PHESICAL PROPERTIES	<table border="0"> <tr> <td>Finish</td> <td>Semi-Gloss - Gloss</td> </tr> <tr> <td>Color</td> <td>Color less</td> </tr> <tr> <td>Solid by volume</td> <td>95±5%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.75±0.1 gr/cm3</td> </tr> <tr> <td>Flash point</td> <td>> 50 °c</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>1000-2000 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>1-0.45 m²/ 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	Color less	Solid by volume	95±5%	Specific Gravity	1.75±0.1 gr/cm3	Flash point	> 50 °c	Recommended D.F.T.	1000-2000 microns	Theoretical coverage	1-0.45 m ² / 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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APPLICATION

Application method	Putty knife, trowel, angle grinder
Surface temperature	3 °C min. above dew point
Mixing ratio(by weight)	7:1:8
Packaging (A+B+C)	14KG+2KG+16KG
Hardener (B)	A275-2006
Kansai Aggregate (C)	A111-1001
Washing Thinner	A840-0570
Pot Life	(50 min. at 15 °c) – (40 min. at 25 °c) – (25 min. at 35 °c)
Application condition	Environment Temperature should be 10 °C min and 40 °C max

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.

APPLICATION PROCEDURE

-Before commencing grouting the adhesive bed must be set. It is essential that the tiles used are appropriate for the service conditions and are fixed in a solid bed of adhesive i.e. ensuring that, as far as possible, no voids are left behind / beneath the tiles. Refer to the relevant product datasheet for setting / drying times.

-Protect open joints from contamination and ensure that they are clean, dry and free from loose debris prior to grouting.

-Do not grout at temperatures less than 5°c or in damp conditions.

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.

SHELF LIFE

12 months from date of production.

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.

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.