

PRODUCT CODE 5430

## Tile Grout - Epoxy Based

Asian Paints SmartCare Tile Grout - Epoxy Based is a two component epoxy resin based tintable grout specifically designed for use in application of ceramic tiles, vitrified tiles and stone joints where a hygienic and sterile condition is expected.



### PRODUCT BENEFITS

#### Specifications

2 Component epoxy based, easy to mix joint filler available in 26 brilliant shades

#### Impervious

Impervious ensuring excellent waterproofing in wet areas

#### Excellent adhesion

Excellent adhesion – sustainable and durable up to the life of the tile

#### Hygienic

Ideal for areas where hygiene maintenance is critical like Laboratories, Breweries, Clinics and Bathrooms

#### Chemical Resistance

Non-toxic and Chemical resistant

### PRODUCT FEATURES

#### AVAILABLE PACKS



Shelf life: 12 months from date of manufacture in original tightly closed containers away from direct sunlight and excessive heat.

#### COVERAGE

Tile Dimension, mm			Consumption, Kg/mtr <sup>2</sup> Tile Joint of width			
LENGTH	WIDTH	THICKNESS	3 mm	5 mm	8 mm	10 mm
300	300	8	0.27	0.45	0.71	0.89
300	300	10	0.34	0.56	0.90	1.12
300	300	20	0.67	1.12	1.79	2.24
300	600	10	0.26	0.42	0.67	0.84
330	330	10	0.30	0.51	0.81	1.01
450	450	12	0.27	0.45	0.71	0.89
600	600	12	0.20	0.34	0.53	0.67
200	300	6	0.25	0.42	0.67	0.84

#### COLOURS AVAILABLE

### 26 Shades\*



\*Can be tinted as per choice of colour

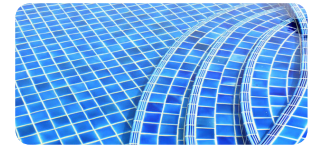
#### RECOMMENDED USAGE



Grouting floors and walls in the food industry (dairies, breweries, food plants, shops etc) where hygiene is required.



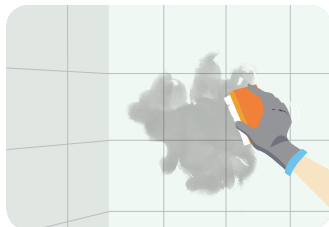
Grouting ceramic tiles on laboratory benches, kitchen work surfaces, bathroom, washroom, shower areas etc.



Grouting of swimming pools, industrial floors and walls where mechanical and chemical attack resistance is required.

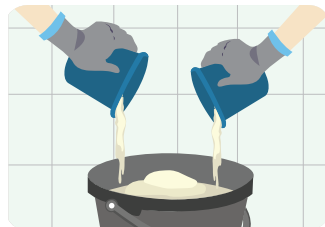
### HOW TO APPLY

#### APPLICATION PROCESS



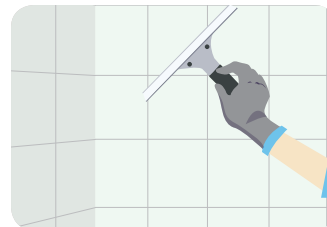
##### SURFACE PREPARATION

- › Make sure tiles are firmly set, and adhesive or mortar is completely dry for 24 hours.
- › Remove all spacers, pegs, ropes and string; clean joints by removing free loose dirt particles.
- › To ensure desired results, a mockup installation is required before the actual installation.



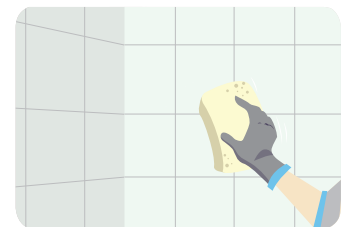
##### PREPARING MIX

- › Always mix complete units. Parts A (Base) and B (Hardener) are packaged to the exact quantity ratio for proper mixing. Partial mixing will result improper/no curing of grout.
- › To get the desired colour of grout, take the required quantity of colour in part A, from Asian Paint's DTS (Dealer Tinting System) machine (colour quantity to be adjusted based on desired shade). Mix the colour with base properly & ensure homogeneity.
- › In a clean container, mix all of Part A (Tinted material) and all of Part B. Use a slow-speed stirrer for mixing to get a homogenous, consistent color. A small quantity, can be mixed manually at the site.



##### APPLICATION

- › Press the grout firmly by using a hard rubber squeegee, into joints ensuring that the joints are completely filled.
- › Remove the excess grout material from joints and surface by moving the squeegee diagonally to the grout lines.



##### CLEANING

- › Clean off the surplus grout from tile joints and surface after 20-25 minutes. Initially use a rough textured sponge dampened with clean water.
- › Use the damp sponge in a circular motion and keep it relative to the tile surface to achieve the flush joint.
- › After completion of work clean the grout haze from the tile with clean water or soap solution.

## ADDITIONAL INFORMATION

## PRECAUTIONS

- › Wear suitable rubber gloves to avoid skin contact during application.
- › Never apply the Epoxy Tile Grout on wet/damp surface.
- › Do not allow water to flow/run in to un-grouted joints while application.
- › Apply masking tapes along tile joints while working on unglazed floor tiles, natural stones tiles with matt glaze or textured surfaces.

## SAFETY FEATURES

- › Kindly refer to the MSDS for Asian Paints SmartCare Tile Grout - Epoxy Based which gives detailed information on safety measures while handling the material.
- › Store the container with the lid tightly closed in an upright position, in a cool, dry place
- › Keep out of reach of children and away from eatables.
- › May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- › Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and if required seek medical advice.
- › Do not breathe vapor or spray. It is recommended to wear suitable nose pad during surface preparation, mixing, application to avoid dust inhalation.
- › In the event of spills, contain spillage using sand or earth.

## TECHNICAL DETAILS

**a. Pot life:** Approx. 60 minutes

**b. Foot Traffic:** 24 hrs

**c. Heavy Traffic:** 7 days

**d. Specific gravity:** 1.8

**e. Sag:** No sag

**f. Tensile Bond Strength (14 days air drying):** > 4.5 MPa

**g. Water absorption:** Nil

**h. Linear Shrinkage:** Nil