

PRODUCT CODE - 6719/6720

Tile Grout – Epoxy Based 3K

Asian Paints Tile Grout – Epoxy Based 3K is a three-component epoxy resin-based grout specially designed for filling joints of ceramic tiles, vitrified tiles and natural stones where a hygienic and sterile condition is expected.

PRODUCT BENEFITS

Specification

Meets the requirement of ANSI 118.3 & EN 13888

Hygienic

Ideal for areas where hygiene maintenance is critical like laboratories, breweries, clinics and bathrooms

Impervious

Ensures excellent waterproofing of tiles in wet areas

Excellent Adhesion

Provides sustainable and durable up to the life of the tile

Easy Application

Easy to apply and easy to clean

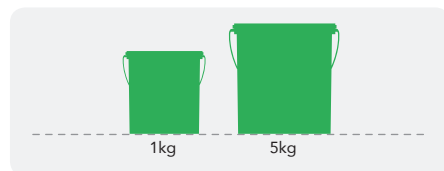
Chemical Resistant

Non-toxic and chemical resistant provides excellent cleanliness



PRODUCT FEATURES

AVAILABLE PACKS



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

COLOURS AVAILABLE

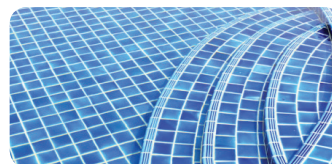
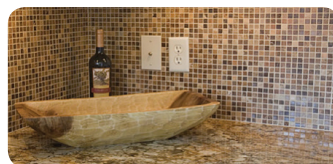
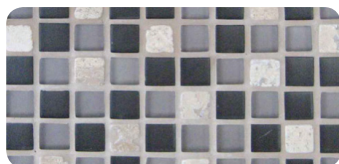
10 Shades



COVERAGE

Commonly used Tile Dimensions			Coverage (Tile Area) in Sq. Ft. per Kg for width of Tile Joints mentioned below			
LENGTH (ft)	WIDTH (ft)	THICKNESS (mm)	3 mm	5 mm	8 mm	10 mm
1	1	10	32	19	12	10
1	1	20	16	10	6	5
1	2	10	41	26	16	13
1.5	1.5	12	40	24	15	12
2	2	12	54	32	20	16
2	4	12	72	43	27	22

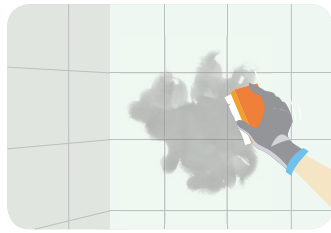
RECOMMENDED USAGE



Type of Usage	Area of Usage	Type of Tiles / Stones	Maximum width of Tile Joint can be filled	Mixing Ratio
Interior floor and walls, wet areas	Kitchen, bathrooms, swimming pool, wash area, etc.	Ceramic, porcelain, vitrified and mosaic tiles, natural stones, granite and marble	10 mm	Resin 20% + Hardener 10% + Filler 70%

HOW TO APPLY

APPLICATION PROCESS



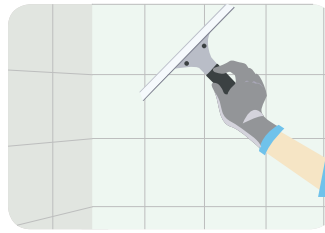
SURFACE PREPARATION BEFORE GROUTING

- > 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 mock-up installation is required before the actual installation
- > Substrate temperature must be between 60°F (16°C) and 90°F (32°C)



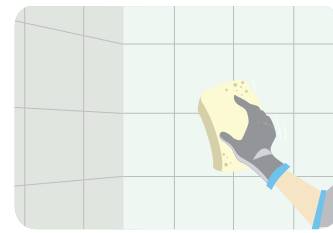
MIXING

- > Always mix complete units. In a clean container, empty entire contents of SmartCare Epoxy Tile Grout Part A (RESIN) and Part B (HARDENER) container
- > Mix with a margin trowel or a slow speed drill mixer until liquids are completely blended
Slowly add SmartCare Epoxy Tile Grout Part C (FILLER POWDER) and mix to a uniform consistency.
- > Partial mixing will result improper / no curing of grout. Use a slow - speed stirrer for mixing to get a homogenous, consistent colour
- > A small quantity can be mixed manually at the site



APPLICATION

- > Press the grout firmly by using a hard rubber squeeze, into joints ensuring that the joints are completely filled
- > Remove the excess grout material from joints and surface by moving the squeeze 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 3K 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