



PRODUCT DATA SHEET

➤ ADMIXTURES

➤ ADHESIVES

➤ WATERPROOFING

➤ SURFACE TREATMENTS

➤ CONCRETE REPAIRS

➤ INDUSTRIAL FLOORINGS

➤ SEALANTS

➤ FUMIGATION

➤ GROUTS & ANCHORS

DURA EPOXY TILE GROUT

Three-Component Chemical Resistant Epoxy Tile Grout

DURA EPOXY TILE GROUT is a premium-grade, three-component, 100% solids epoxy-based tile grouting system designed for demanding environments requiring exceptional chemical resistance, mechanical strength, and long-term durability. The system comprises epoxy resin, hardener, and specially graded coloured silica fillers to produce a dense, impermeable grout with excellent adhesion to ceramic, porcelain, vitrified tiles, natural stone, and other compatible substrates. Once cured, the grout forms a non-porous, stain-resistant joint capable of withstanding continuous exposure to water, cleaning chemicals, oils, dilute acids, alkalis, and industrial contaminants

TYPICAL APPLICATIONS

- Ceramic and porcelain tile joints
- Vitrified tile installations
- Acid-resistant tile systems
- Commercial kitchens
- Food processing plants
- Pharmaceutical facilities
- Hospitals and laboratories
- Swimming pools and water-retaining structures
- Industrial flooring

FEATURES & ADVANTAGES

- 100% solids epoxy formulation
- Excellent chemical and stain resistance
- Impervious to water after curing
- High compressive and tensile strength
- Superior adhesion
- Smooth, non-sag consistency
- Shrinkage-free curing
- Hygienic, easy-to-clean surface
- Excellent abrasion resistance
- Suitable for interior and exterior applications



HEADOFFICE:
Office # 3,
Garrison Homes Phase 1
Harbanspura Road
Lahore

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APPLICATION INSTRUCTIONS

Surface Preparation: Ensure joints are clean, dry and free from dust, laitance, grease and contaminants.

Mixing:

Mix resin and hardener thoroughly before gradually adding the filler component until a homogeneous consistency is achieved.

Application

Fill joints completely using an epoxy grout float. Remove excess grout diagonally across the tile surface.

Cleaning

Clean tiles immediately with a damp sponge and suitable cleaning solution before grout hardens.

Curing

Protect the grout from water and contamination until fully cured.

LIMITATIONS

Do not add water or solvents. Use complete kit contents. Apply only to clean, dry joints. Recommended application temperature: 10°C–45°C.

STORAGE & SHELF LIFE

Store in unopened original packaging in a cool, dry location away from direct sunlight. Shelf life: 12 months.

HEALTH & SAFETY

Wear gloves, eye protection and suitable protective clothing. Ensure adequate ventilation during application. Avoid skin and eye contact.



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TECHNICAL DATA

Property	Value
Product Type	Three-component epoxy grout
Specific Gravity	2.18
Pot Life @20°C	2 Hours
Pot Life @35°C	1 Hour
Initial Set	8 Hours
Initial Cure	24 Hours
Tensile Strength	14 MPa
Compressive Strength (28 Days)	104 MPa
Water Absorption	<0.04%
Linear Shrinkage	0.13% (7 Days)
Coefficient of Thermal Expansion	0.00005 mm/mm/°C
Packaging	8 kg Kit

WARRANTY:

Duratech Construction Chemicals ("Duratech") warrants that its products are free from manufacturing defects in material and workmanship for a period of **six (6) months** from the date of purchase when stored and used in accordance with Duratech's written instructions.

Duratech's sole obligation under this warranty is limited to the replacement of any product proven to be defective. Duratech shall not be liable for any incidental, indirect, or consequential damages arising from the use of its products.

The user is solely responsible for determining the suitability of the product for the intended application and for ensuring proper surface preparation, application, and curing. Any application that deviates from Duratech's published instructions or recommendations will void this warranty.



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