

# EDEN SUPER TILE GROUT

Water Repelling High Grade Polymer Modified Tile Grout

## PRODUCT DESCRIPTION

EDEN SUPER TILE GROUT is a polymer-modified, water repelling tile grout for grouting between ceramic/vitrified tiles after placement. It comprises of carefully selected materials such as hydraulic binders, organic binders, waterproofing materials and other raw materials, for consistency of product efficacy and performance. EDEN SUPER TILE GROUT is ready/easy to use, hardens with in 24 hours and suitable for both horizontal and vertical grouting.

## SPECIAL FEATURES

- ✚ Track record of excellent performance.
- ✚ It can be used for joint widths up to 8mm Exceptional and consistent quality.
- ✚ EDEN SUPER TILE GROUT Easy to apply
- ✚ Suitable for areas that will be dry or intermittently wet.
- ✚ Can be used in conjunction with under-tile heating
- ✚ Cures without additional influence (Self Cures)
- ✚ Limited flexibility to accommodate some movement
- ✚ Mould resistant and Thixotropic.
- ✚ Good resistance to house-hold chemicals like detergents.
- ✚ Can be customized in accordance to client requirement.
- ✚ Exhibits good waterproofing and water repelling effects.
- ✚ It doesn't contain any harmful chemicals and is non toxic.

## WHERE TO USE

EDEN SUPER TILE GROUT is suitable for application in the following areas:

- ✚ Suitable for interior and exterior use
- ✚ Suitable for wet and dry conditions
- ✚ Used in kitchens.
- ✚ Swimming pools.
- ✚ Bath rooms and shower stalls
- ✚ Suitable for wall and floor grouting

## APPLICATION PROCEDURE

### Stage-1: SURFACE PREPARATION & INVESTIGATIONS

#### A – Pre-Substrate Investigation

- ✚ Ensure that all tiles are securely fixed in place and thoroughly cleaned before EDEN SUPER TILE GROUT can be applied.
- ✚ The gap between tiles should not exceed 4mm and in extreme cases 8mm which is not recommended.

- ✚ Tile joint filling should only be done 24 hours after fixing the tiles
- ✚ Check for the presence of coatings, dirt, fats, oils, organic substances, existing membranes and dust. In any case of the existence of the above listed, adequate surface preparatory measures should be employed such as vacuuming or any other suitable engineering measure.

## Stage-2: APPLICATION

### A - Mixing

- ✚ Measure out by volume 0.30L of water to 1kg of powder in accordance to quantity to be mixed into the mixing container.
- ✚ Pour EDEN SUPER TILE GROUT powder in to the measured clean water.
- ✚ Mix to a slurry using mechanical means and allow to thicken for 5 minutes.
- ✚ Re-mix without adding water and use within one hour.

### B - Application

- ✚ Apply grout paste to tiled surfaces working it well into the joints using a rubber tillers squeegee or a sponge- faced wood float.
- ✚ Allow grout to dry and harden for one to two hours and wipe surface of tiles with a damp sponge.
- ✚ Finish off by wiping along joint with a damp cloth. Polish tiles the following day using a dry cloth.

## RECOMMENDATION:

### Before Use

It is recommended that product is stirred well before using for at least 2-3 min. Check product seal to ensure it is unbroken or fake. Consult customer support should any concern arise for clarity and Technical support.

### General

- ✚ It is recommended to quickly wipe clean all residue of grout on tile surface and prevent from hardening.



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## TECHNICAL PROPERTIES

<i>Packaging</i>	5kg, & 10kg	<i>Pack</i>
<i>Shelf life</i>	8 months minimum from date of production	<i>If stored properly in original, unopened and undamaged sealed packaging.</i>
<i>Appearance</i>	Powder (Colour Customizable)	<i>Available in different colour</i>
<i>Joint Thickness (1 X 3) mm</i>	Approx. Consumption (0.48 * 1.44 Kg/m <sup>2</sup> )	<i>Tile Size (200 * 200 * 6) mm</i>
<i>Joint Thickness (1 X 3) mm</i>	Approx. Consumption (0.36 * 1.08 Kg/m <sup>2</sup> )	<i>Tile Size (300 * 300 * 6) mm</i>
<i>Joint Thickness (1 X 3) mm</i>	Approx. Consumption (0.24 * 0.72Kg/m <sup>2</sup> )	<i>Tile Size (400 * 400 * 6) mm</i>
<i>Joint Thickness (1 X 3) mm</i>	Approx. Consumption (0.2 * 0.6 Kg/m <sup>2</sup> )	<i>Tile Size (600 * 600 * 10) mm</i>
<i>Density.</i>	2.0kg/L	
	10MPa	@ 1day
<i>Compressive</i>	24MPa	@ 3days
<i>Strength</i>	35MPa	@ 7days
	40MPa	@ 28days

## APPLICATION INFORMATION

<i>Pot Life</i>	Approximately 60minutes	<i>Under normal conditions</i>
<i>Ready For Use</i>	24hours after application	<i>(foot traffic time)</i>
<i>Application Temperature</i>	Minimum 10° C Maximum 30° C	
<i>Water Ratio</i>	0.30L of water to 1kg of powder	
<i>Consumption</i>	A theoretical coverage of 0.25kg/m <sup>2</sup> can be adopted.	<i>Consumption rate will be influence by the type, size, and the effective spacing and depth between tiles.</i>
<i>Storage condition</i>	Store in dry conditions in original packaging at temperatures between +5 °C and +30 °C.	<i>Protect from direct sunlight, moisture and frost</i>

### CAUTION

- ✚ EDEN SUPER TILE GROUT is recommended for use only as described in the Uses section of this data sheet.
- ✚ Be careful to observe written instruction on all technical documents for this product such as *Safety Data Sheet, Method Statement Data Sheet, Technical Data Sheet, and Test Certificate Results* for Further details on Environmental Health and Safety.
- ✚ Application in cooler temperatures may require extra curing time before grouting.
- ✚ Do not add water to dilute the material aside recommended mixing water ratio.
- ✚ Coverage is changeable depending on the application type, depth to be filled, width, and variation in the level of or wastage. It is recommended that allowance be created to accommodate these variations.





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### BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

### ECOLOGY HEALTH AND SAFETY

Information on the safe handling, storage and disposal of chemical products, user is advised to refer to the most recent/updated *Safety Data Sheet, Method Statement Data Sheet, and Technical Data Sheet*, containing physical, ecological, toxicological and other safety/handling/storage related data.

### CLEAN UP

Wash hands and tools with EDEN super cleaner or any of EDEN recommended cleaning products promptly before the material hardens. Cured material must be mechanically removed.

### TECHNICAL SUPPORT

AISE-OHIS EDEN CONSTRUCTION (CHEMICAL) Ltd provides a technical advisory service supported by a team of specialists in the field.

### STORAGE AND SHELF LIFE

- ✚ EDEN SUPER TILE GROUT can be stored 12 months minimum from date of production if stored properly in original, unopened and undamaged / sealed packaging.
- ✚ EDEN SUPER TILE GROUT is supplied in 5kg & 20kg Bag.
- ✚ Storage area should be free from direct sunlight rays.
- ✚ Storage area should be free from moisture and rain in their original, unopened containers, bearing the

manufacturers name, product designation, and batch number and application precaution labels.

### STANDARD COMPLIANCE

En13881, CG1

### HEALTH & SAFETY

- Please ensure that hand gloves and goggles are worn during installation
- Apply in ventilated areas, away from flames
- It is only important that during application and after application, standard safety procedures are done.
- Please consult current MSDS for product.
- *For Professional Use only.*

### ADDITIONAL INFORMATION

AISE-OHIS EDEN CONSTRUCTION (CHEMICAL) Ltd manufactures a complete range of construction chemical products which include:

- ✚ Cementitious Waterproofing membrane
- ✚ Acrylic Waterproofing membrane
- ✚ Polyurethane Waterproofing membrane
- ✚ Bituminous Waterproofing membrane
- ✚ Flooring solution
- ✚ Damp-Proofing products
- ✚ Repair and refurbishment systems
- ✚ Water-stop
- ✚ Cleaning agent
- ✚ Bonding agent
- ✚ Decorative / Repair mortars
- ✚ Tile adhesive and grouts

For more information on any of our products, please contact AISE-OHIS EDEN CONSTRUCTION (CHEMICAL) global or regional office.

### LEGAL NOTE

Details contained in this Technical Data Sheet is provided in good will based on the experience and knowledge of the products been stored, handled and applied properly under normal conditions. That client will be responsible to duly follow all instruction written herein. However, Whilst Aise-Ohis Eden Construction (Chemicals) Limited endeavors to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it. Therefore, user is mandated to check/test product's suitability for the intended application and purpose. Aise-Ohis Eden Construction (Chemicals) Limited reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

