

## OVERVIEW

RANSPOXY-TGS is a 2-part, high performance, chemical resistant epoxy grout for internal and external applications. It is non-sag, non-shrink, easy to apply, easy clean up and is color consistent. It is stain resistant, impermeable, and has high temperature resistance.

RANSPOXY-TGS offers maximum protection against staining, and chemical attack from food, beverages, chemicals and cleaning detergents. It is suitable for prolonged contact with water in fully immersed applications in pools and spas.

RANSPOXY-TGS is available in a range of designer colors, suited for areas that require a decorative chemical resistant colored grout.

## PROPERTIES/ADVANTAGES

- Low shrinkage
- Can be used in exterior and interior application.
- Easy mixing and application
- Color consistent and stain resistant.
- Non sag in vertical application.
- High strength and abrasion resistant
- Available in over 10 shades.

## MIXING INSTRUCTIONS

- Empty part A and Part B into the bucket supplied and mix thoroughly.
- Use within 45 minutes
- Do not mix part portions

## INSTRUCTIONS FOR USE

The application temperature should be between 15°C to 45°C. Application procedures may vary slightly depending upon site conditions. The general recommended guidelines for the application of the waterproofing system are as follows:

### Surface preparation

- The tile adhesive should be completely set before grouting can take place.
- Ensure that joints to be grouted are sound (No cracks or crumbling), clean, free of dust and contaminants.
- Ensure that the joints are free of excess tile adhesive.
- Tiles with absorbent surfaces (e.g. unglazed tiles, natural stones, etc.) should be sealed with a suitable product prior to grouting to prevent staining.

### Application

- The epoxy chemical reaction is highly dependent upon the ambient temperature. High temperature will significantly speed up the reaction and reduce the pot life. Do not work with the product if the ambient temperature is lower than 10°C or higher than 30°C
- Apply RANSPOXY-TGS liberally to the surface and work into the joints with a grout squeegee taking care to completely fill the joint.
- Remove excess grout and level the surface by moving the grout squeegee diagonally across the joints while the mixing is still fresh.
- Within 20 minutes, remove the excel grout residue from the tiles with a damp (but not wet) sponge. Rinse the sponge frequently to achieve the best results.
- Do not allow the epoxy grout to fully cure before cleaning. Difficult to clean deposits can be removed with lacquer thinners.

### Coverage

Since the coverage of this product is dependent upon the dimensions of the joints, the amount of grout required can be accurately determined by the following formula:

$$\text{Kg of grout per sqm} = (A + B) \times C \times D \times 1.8$$

(A x B)

A=length of tile in mm B=width of tile in mm

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C= thickness of tile in mm D=Average width of the joint in mm

**PRECAUTION:**

Mix only the required quantity of RANSPOXY-TGS, which can be utilize within stipulated pot-life period to avoid solidification.

Wash all tools and tackles with ample of water immediately after application is completed.

**HEALTH & SAFETY**

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

**PACKGING & STORAGE**

RANSPOXY-TGS is packaged as per given details in Technical Data:-

<b>Self-life</b>	12-15 months, stored in cool and dry Place In sealed Containers.
<b>Packaging</b>	It is available in 1.5kg and 5kg packs
<b>Storage</b>	Material should be stored in an enclosed area and away from direct sunlight and heat.

**TECHNICAL  
DATA**

<b>Product</b>	Two Part Tiles Grouting System
<b>Pot Life</b>	45-60 minutes
<b>Heavy traffic</b>	7 days
<b>Foot traffic</b>	24 hours approx.
<b>Temperature resistance</b>	Upto 90°C
<b>Resistance to solvents</b>	Very Good
<b>Chemical resistance</b>	Excellent
<b>Compressive strength</b>	>=4.5 Mpa
<b>Specific gravity</b>	1.8
<b>Linear Shrinkage</b>	Nil

**PICTURES/IMAGES AT GLANCE**



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