# TECHNICAL DATA SHEET
## SWISSTEK TILE GROUT (Cement Based)

## 1. DESCRIPTION

Swisstek Tile grout is specially manufactured to enhance the quality of tile surface and meets the highest international standards. It has SLS 1376 standard certification which is certified by Sri Lanka Standard Institute(SLSI).It is the perfect bond of beauty and durability. This cement based grout is ideally suited for grouting joints between 1mm to 6mm in width.

There are two types of tile grout which match with your requirement.

## 2. USAGE AND ADVANTAGE

| POLYMER MODIFIED GROUT | SUPER POLYMER MODIFIED GROUT |
|---|---|
| • Indoor and outdoor usage<br>• Reduced water absorption<br>• High abrasion resistance<br>• Excellent bonding strength | • Indoor and outdoor usage<br>• Reduced water absorption<br>• Suite for Swimming Pools & Water Tanks (Best option for swimming pool is Swisstek SW 101 epoxy grout)<br>• Ultra-fine formula<br>• Specially recommended for narrow grooves and mosaic tiles<br>• Excellent abrasion resistance<br>• Excellent bonding strength |

## 3. SPECIFICATION FOR CEMENT BASED TILE GROUT

| Standard | Polymer Modified Grout | Super Polymer Modified Grout |
|---|---|---|
| ISO13007-3 | CG2WA | CG2 WA |

**CG1:** Compressive strength in 28 days : ≥ 15 N/mm²
Flexural strength in 28 days : ≥ 2.5 N/mm²

**CG2:** Enhanced performance in addition to CG1 characteristics, should include special characteristics

**W:** Reduced water absorption after 30 minutes : ≤ 2 grams
Reduced water absorption after 240 minutes : ≤ 5grams

**A:** High Abrasion resistance : ≤ 1000mm²




POLYMER MODIFIED GROUT (PG)




SUPER POLYMER MODIFIED GROUT (SPG)



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## 4. SURFACE PREPARATION AND APPLICATION INSTRUCTIONS - GENERAL INSTRUCTIONS

- Ensure that the tile adhesive has set firmly
- Remove space lugs and any excessive adhesive or loose foreign material from the grouting joints to ensure that they are clean and grout grooves should be in SSD level (Saturated Surface Dry)
- Mix 300ml-350ml of water with 1Kg of grout. Mix thoroughly until it reaches the required consistency.
- Use rubber faced grouting trowel or a "float" for application and ensures that the grout is tightly packed between the tiles.
- For narrow grooves, dilute grout (approximately 500ml of water per pack) and use a wiper for application.
- Allow 20minutes for the grout to dry
- For joint which between rough surface tiles, remove the excess grout within 10-15 minutes.
- Remove the excess grout from the surface of the tile.
- Allow the grout 24 hours to harden. The surface should not be washed, trampled or even stepped on during this period.
- The final color will appear after 48 hours.
- As cement- based grout is having porous surface colour can be slightly differ with environmental factors

## 5. COVERAGE AREA

| TILE SIZE | COVERAGE AREA SQFT / 1KG PER BAG |
|---|---|
| 12"X12" Tiles or less | 80 sq. ft |
| 16''X16'' Tiles or above | 100sq.ft |

## 6. SHELF LIFE

- 2 years from the date of manufacture

## 7. PACKING AND STORAGE

- Store in dry place
- Once opened, keep the SWISSTEK Tile Grout bag properly sealed

## 8. SAFETY ADVICES

- Keep away from children.
- If it comes in contact with the eyes, wash thoroughly
- Non-toxic but contains cement which contains silica. Wear gloves and appropriate respirator.

## 9. MARKETED AND DISTRIBUTED BY

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