TECHNICAL DATA SHEET
SWISSTEK TILE ADHESIVE

1. DESCRIPTION:

The Swisstek tile adhesive is manufactured to the highest international standards and it has SLS 1375 standard certification which was certified by Sri Lanka Standard Institute (SLSI).It is specially formulated for installing ceramic and porcelain floor and wall tiles, and contains ceramic fillers and polymers. Swisstek tile mortar has special properties as per below.

- Excellent anti slip properties
- Long correction time
- Long open time
- Excellent workability
- Excellent bonding properties
- Excellent water-resistant quality

ULTRA GRIP ADHESIVE



- Excellent bonding strength
- Excellent workability
- Long pot life
- Indoor and outdoor usage
- Resist for extreme weather conditions- specially for roof tops/swimming pools.
- Manufactured for international standards.
- Applicable tile size:

  Floor tiles/ Wall tiles

  Ceramic tiles - For any tile type
  Porcelain tiles - For any tile type
  Vitrified porcelain tiles - For any tile type
- Tilling on newly laid floors/ old floors

2. SPECIFICATION OF SWISSTEK TILE ADHESIVE

Standard	Ultra grip Adhesive
ISO 13007-1	C2 TE

C2: Tensile adhesion strength after 28 days : ≥ 1.0 N/mm²
Tensile adhesion strength in heat aging after 28 days : ≥ 1.0 N/mm²
Tensile adhesion strength in water immersion after 28 days : ≥ 1.0 N/mm²
Tensile adhesion strength in freeze thaw cycles after 28 days : ≥ 1.0 N/mm²

E : Extended open time / Tensile adhesion strength after 28 days(tile fixed with after 30 minutes) : ≥ 0.5 N/mm2

T : Slip resistance : ≤ 0.5mm

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3. SURFACE PREPARATION AND APPLICATION INSTRUCTIONS - GENERAL INSTRUCTIONS

- Clean the leveled surface prepared for tilling thoroughly and remove any dust, oil or sealers.
- Wet the surface.
- Mix 6.5-8.5 liters of water with 25Kg bag of adhesive and mix it thoroughly.
- Apply the mixture on the wall or floor with the recommended notched trowel.
- Place tiles with a minimum gap of 2.5mm between them or larger format tiles, back buttering mechanisim for tile adhesive application is recommended.
- For Extreme wheather condition application please follow up the guideline given by the Swisstek.
- Use a rubber hammer to adjust the level and lines of the tiles.
- Wipe off any excess adhesive from the tile surface.
- Wait for at least 24 hours for the surface to dry and tighten, and then fill the gaps with Swisstek grout.

4. COVERAGE AREA

Coverage area per bag (25Kg) of Swisstek tile Adhessive.

Tile size	Coverage area sqft / 25kg per bag
Tiles 16'' or less	45-50
Above the 16'' x 16'' Tiles	30-40

5. CONDITIONS:

1. Application surface should be properly leveled.
2. Wetting the sub floor prior to application of adhessive is advisable for better adhesion. The Surface should be in SSD (Surface Saturated Dry) condition
3. Recommended trowel notches for different tiles as per below table and according to trowel notch size, adhessive consumption is varied.

RECOMMENDED TROWEL NOTCHES		
¼'' (A) X ¼'' (B) 6mm (A) x 6mm (B)	**¼'' (A) x 3/8'' (B)** 6mm (A) x 9mm (B)	**1/2'' (A) x1/2'' (B)** 12mm (A) x 12mm (B)
Floor tiles & Wall Tiles 16'' or less	Floor tiles & wall Tiles 16'' to 24''	Marble, Granite and any floor Tiles & wall tiles 24'' x 24''or more

6. SHELF LIFE:

2 years from the date of manufacture

7. PACKING AND STORAGE:

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

8. SAFETY ADVICE:

- 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 an appropriate respirator.

9. MARKETED AND DISTRIBUTED BY

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