

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

1. SUPER ADHESIVE



- Good bonding strength
- High workability
- Economical
- Indoor usage
- Manufactured for international standards
- Applicable tile size –
 - Floor tiles
 - Ceramic tiles – For any tile type
 - Porcelain tiles – 2" X2" and below
- Tilling on newly laid floors

2. SUPER PLUS ADHESIVE



- Excellent bonding strength
- Excellent workability
- Long pot life
- Indoor and outdoor usage
- 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 – below 8Sq.ft. tiles
- Tilling on newly laid floors/ old floors (after roughing the old Surface.)
- Tilling on wet areas

SWISSTEK (CEYLON) PLC

Corporate Office: No. 118A, Nawala Road, Narahenpita, Colombo 05
Factory: No. 330, Belummahara, Imbulgoda

Telephone: +94 11 780 7000 | Fax: +94 11 763 4590
Email: info@swisstekceylon.com | Website: www.swisstekceylon.com



FOR THE PERFECT FINISH

4. ULTRA GRIP WHITE 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
- Swisstek ultra grip white adhesive color in off white and suitable for glass mosaic and marbles.

Standard	Super Mortar	Super Plus Adhesive	Ultra grip Adhesive	Ultra grip white adhesive
ISO 13007-1	C2	C2T	C2 T E	C2TE

C2:	Tensile adhesion strength after 28 days	: $\geq 1.0 \text{ N/mm}^2$
	Tensile adhesion strength in heat aging after 28 days	: $\geq 1.0 \text{ N/mm}^2$
	Tensile adhesion strength in water immersion after 28 days	: $\geq 1.0 \text{ N/mm}^2$
	Tensile adhesion strength in freeze thaw cycles after 28 days	: $\geq 1.0 \text{ N/mm}^2$

E : Extended open time / Tensile adhesion strength after 28 days(tile fixed with after 30 minutes) : $\geq 0.5 \text{ N/mm}^2$

T : Slip resistance : $\leq 0.5\text{mm}$

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 mechanism for tile adhesive application is recommended.
- For Extreme weather 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 Adhesive.

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 adhesive 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, adhesive consumption is varied.

RECOMMENDED TROWEL NOTCHES		
1/4" (A) X 1/4" (B) 6mm (A) x 6mm (B)	1/4" (A) x 3/8" (B) 6mm (A) x 9mm (B)	1/2" (A) x 1/2" (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 adhesive 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. MARKETING AND DISTRIBUTED BY

Swisstek Ceylon PLC

No. 330, Factory Complex, Belummahara, Imbulgoda, Sri Lanka

Tel: +94 11 780 7000 | Fax: 011 763 4590 | Email: info@swisstekceylon.com

SWISSTEK (CEYLON) PLC

Corporate Office: No. 118A, Nawala Road, Narahenpita, Colombo 05

Factory: No. 330, Belummahara, Imbulgoda

Telephone: +94 11 780 7000 | Fax: +94 11 763 4590

Email: info@swisstekceylon.com | Website: www.swisstekceylon.com



FOR THE PERFECT FINISH