

SWISSTEK TILE ADHESIVE (Mortar)

FOR THE PERFECT FINISH

TECHNICAL DATA SHEET

Description

The Swisstek tile adhesive (mortar) 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

There are four types of tile mortar which match with your requirement

Super Adhesive (Mortar)



- Excellent 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





Super Plus Adhesive (Mortar)



- 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 2X4 tiles
- Tiling on newly laid floors/ old floors (after roughing)

Ultra Grip Adhesive (Mortar)



- 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
- Tiling on newly laid floors/ old floors
- Swisstek ultra grip white adhesive color in off white and suitable for glass mosaic and marbles.

Ultra grip white Adhesive (Mortar)





Specification of Swisstek Tile mortar (Tile adhesive)

Standard	Super Mortar	Super Plus Adhesive	Ultra grip Adhesive	Ultra grip white adhesive
ISO 13007-1	C2	C2T	C2 T E	C2TE
SLS certification	SLS1375	SLS1375	SLS1375	

- 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 : ≤ 0.5 mm

Surface Preparation and application instructions

- Clean the leveled surface prepared for tilling thoroughly and remove any dust, oil or sealers.
- Wet the surface.
- Mix 7-8 liters of water with 25Kg bag of mortar and mix it thoroughly.
- Apply the mixture on the wall or floor with the recommended notched trowel.
- Place tiles with a minimum gap of 3mm between them
- Use a rubber hammer to adjust the level and lines of the tiles.
- Wipe off any excess mortar 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.

Coverage Area

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

Tile size	Coverage area sqft / 25kg per bag
Tiles 16'' or less	45-50
Above the 16''X16'' Tiles	30-40

Conditions:

1. Application surface should be properly leveled.
2. Wetting the sub floor prior to application of mortar is advisable for better adhesion.
3. Recommended trowel notches for different tiles as per below table and according to trowel notch size, mortar consumption is varied.

Recommended trowel notches		
1/4''(A)X1/4''(B) 6mm(A)X6mm(B)	1/4''(A)X3/8''(B) 6mm(A)X9mm(B)	1/2''(A)X1/2''(B) 12mm(A)X12mm(B)
Floor tiles & Wall tiles 16'' or less	Floor tiles & wall tiles 16'' to 24''	Marble, Granite and any floor tiles & wall tiles 24'' X24''or more



Shelf Life

2 years from the date of manufacture

Packing and Storage

Store in dry place

Once opened, keep the SWISSTEK Tile mortar bag properly sealed

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.

Manufactured and Marketed By

Swisstek (Ceylon) PLC

(An associate company of Lanka Tiles)

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