



KWIKtile

Siyakha Nawe



KWIKtile 18

Standard Porcelain Tile Adhesive

PRODUCT OVERVIEW

KWIKtile 18 is a grey, high-strength adhesive that's ideal for fixing porcelain, ceramic and dark-coloured natural stones like granite and marble. Its user-friendly and can be applied in bed thicknesses between 3-5mm and up to 20mm in isolated spots.

FEATURES

[Datasheet](#)

- ✓ Standard Quickset
- ✓ Ready for traffic after just 18 hours

COVERAGE

20kg
Bag

FLOOR
TILES

4m²

WALL
TILES

6m²

** Final coverage will be dependent on application & various factors.*

TECHNICAL DATA

PROPERTY

WITH WATER

WITH KWIKBOND

Setting Type

Standard

Standard

Colour

Grey

Grey

Application Temperature Range

10 °C - 25 °C

10 °C - 25 °C

Tensile Strength

>0.5 mpa

>1 mpa

Appearance

Powder

Powder

Final Set

18 hr

18 hr

Pot Life (Working time after mixing)

>1 hr

>1 hr

Water Demand

5-6 L

5-6 L

Bulk Density

0.60 kg/L

0.64 kg/L

At 23°C and 50% relative humidity. Actual results may vary.



SURFACE PREP

Ensure substrates for all surface types, including wood, power-floated concrete, and vinyl, have a moisture content of 5% or less before tiling.

This product is not suitable for use with very porous, light coloured tiles that may dis-colour.

- ①  Clean and prepare the surface. Ensure it's free from all contaminants, loose screed, cement & adhesive.
- ②  All surfaces must be dry & have a moisture content of approx **5% or less before tiling begins.**
- ③  If a primer is required, prime the surface with a slurry consisting of **1 part KWIK-Key (Primer) to 2 parts KWIKtile 12 adhesive powder** or **1.5 parts KWIKBUILD Cement** (by volume).
- ④  Apply using a builders block brush & ensure that the entire surface is fully covered with the slurry coat. Allow this slurry coat to dry to the touch before applying the adhesive.

CURING

For best results, make sure your surfaces are properly cured:

NEW CONCRETE	✓ Let it cure for 6 weeks
NEW SCREED	✓ Let it cure for 4 weeks
NEW BRICKWORK	✓ Let it cure for 4 weeks
NEW RENDER	✓ Let it cure for 2 weeks

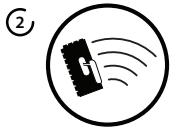
MIXING

- ①  Use a mechanical mixer to add **5-6 liters** of clean, cool water to a **20kg bag** of KWIKtile 18 while mixing.
- ② Mix until you get a **creamy, lump-free consistency.**
- ③ Let the mix stand for **3-5 minutes** before stirring again.
- ④ Open time is **approx. 20min.**
- ⑤ For exterior/exposed applications, high traffic areas, or where flexibility is required, **replace the water with KWIKbond** (Bonding Liquid).
- ⑥ Once an adhesive mix has been standing for a long time, it is not advised to add more water to the mix as this will negatively impact performance.
- ⑦ Setting time may be delayed during winter : **Cold weather conditions below 10°C.**
- ⑧ Flash setting may occur during summer: Hot weather conditions above 25°C. We advise using water of **+/-21°C for optimum results.**

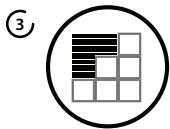
APPLICATION



① Ensure tiles are dry and free of dust.



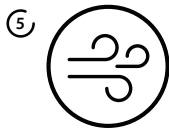
② Spread the adhesive with a notched trowel to a min bedded thickness: **3mm on walls & 6mm on floors.**



③ Apply only as much adhesive as you can tile in 10-15 minutes to avoid skinning.



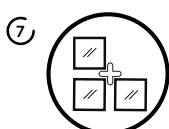
④ Back buttering with a thin coat of adhesive may also be required when using large format tiles to ensure full contact and a solid bed of adhesive



⑤ Ensure there is no air trapped beneath the tiles after being positioned.



⑥ Bed tiles securely into the wet adhesive. The under surface of the tile must have complete contact with the adhesive. Remove excess adhesive from joints before drying has occurred.



⑦ Min grout joint space between tiles. 3mm on walls & 5mm on floors
DO NOT butt joint tiles or use spot method.

GROUTING

Allow 16 hours before grouting. Use KWIKtile Grout as per instructions.

STORAGE

Store in dry, internal conditions between. **10°C and 30°C.**

SHELF LIFE

Shelf life is **12 months** from the date of manufacture.

IMPORTANT:

To protect bags from damp, do not store directly on a concrete floor.

SAFETY

Do not ingest. Use only as directed. Keep out of reach of children. Wear protective gloves and goggles. Use a suitable dust mask when mixing. Work in a well-ventilated area.

QUALITY

KWIKtile products are free from manufacturing defects and fit for design purposes, subject to proper use and good workmanship.

MOVEMENT JOINTS

- ✓ **Max 5m** centers for interior & wall applications.
- ✓ **Max 3m** centers for exterior applications.
- ✓ Place joints around perimeters, in corners, and over structural joints.
- ✓ Fill with suitable silicone and polyurethane joint sealant.

IMPORTANT NOTICE

KWIKtile believes the information provided is accurate but does not guarantee its completeness. Always test products to ensure suitability for your intended use. Users assume all risks and liabilities during testing and use. In special cases, seek professional advice. KWIKtile's only obligation is to replace any product proven defective in material.

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KWIKtile Technical Support
info@kwiktile.co.za or 012 804 8337