



KWIKtile

Siyakha Nawe



KWIKproof 2K

Flexible Cementitious
Waterproofing System

PRODUCT OVERVIEW

KWIKproof is a two-component, polymer-modified, flexible cementitious waterproof coating suitable for internal and external applications.

The system consists of a cementitious powder (KWIKbase) and a polymer liquid component (KWIKproof Liquid). When mixed together, they form a waterproof slurry that provides durable, crack-bridging waterproof protection.

Available In: Complete ready to use kits or individual components. See pack sizes in technical data.

Complies with the performance requirements of EN 14891.

SURFACE PREP

Substrates must be clean, sound and free from contamination.

Remove curing compounds, laitance, mold release agents, organic growth and loose materials.

Weak concrete must be removed and defects such as voids fully exposed and repaired. All plumbing installations must be completed prior to application.

Substrates should be levelled or primed where required:

- ✓ Highly porous substrates: Prime with KWIK Key
- ✓ Fibre-cement boards: Prime with KWIK Key
- ✓ Exterior grade wooden surfaces: Prime with KWIKbase slurry
- ✓ Allow primer to dry before waterproofing application

FEATURES

[Datasheet](#)

- ✓ Two-component cementitious waterproofing system
- ✓ Highly flexible crack-bridging membrane
- ✓ Excellent adhesion to concrete and masonry
- ✓ Resistant to positive and negative water pressure
- ✓ Pre-dosed kit options available
- ✓ Suitable for horizontal and vertical applications
- ✓ Interior and exterior use

* *Polymer-Modified Two-Component Waterproof Coating*

ADVANTAGES

- ✓ Provides reliable waterproof protection in wet areas
- ✓ Bridges minor cracks in substrates
- ✓ Suitable for balconies, bathrooms, terraces and water features
- ✓ Strong bond to properly prepared substrates
- ✓ Easy brush application
- ✓ Cost-effective waterproofing solution

CURING

Low temperatures and high humidity will extend curing time.

- FIRST COAT** ✓ cure undisturbed for **6hours**
- SECOND COAT** ✓ cure undisturbed **24 hours**
- TILING** ✓ may commence after **24 hours**
- EXPOSURE** ✓ **72 hours** before exposure to continuous water

MIXING



Use a mechanical mixer with a suitable paddle.

2

Add the KWIKproof Liquid to a clean container.

3

Slowly add the KWIKbase powder to the liquid while mixing continuously with a low-speed mixer to avoid air entrainment.

4

Mix for approximately 3 minutes until a uniform, lump-free consistency is achieved. Let the mix stand for 3min, remix and use.

5

Do not add extra water.

LIMITATIONS



Do not apply to frozen substrates or when ambient temperature is **below 5°C**.



Do not apply if **rain** is expected.



Protect freshly applied coating from rapid evaporation in **hot, dry or windy** conditions.



Ensure **adequate ventilation** during application and curing.



Do not expose powder or liquid components to **direct sunlight** before use.

APPLICATION



Using a block brush, apply the first coat evenly in one direction. Ensure the coating is not spread too thin and that all pores and surface undulations are filled.



Once the first coat is touch dry (approximately 6–8 hours depending on conditions), apply the second coat in a perpendicular direction.



Reinforce corners, joints, cracks and pipe penetrations using alkali-resistant reinforcing mesh or tape/sheet embedded into the first coat.



For optimal performance, apply one coat of priming slurry and two coats of waterproofing.

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 risk and liabilities during testing and use.

KWIKtile's only obligation is to replace any product proven defective in material.

KWIKtile is not liable for any injury, loss or damage, direct or consequential, arising from the use or inability to use the product. KWIKtile reserves the right to update this datasheet.

For the latest version contact:

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

STORAGE

Store in original sealed containers in a cool, dry place below 25°C.

QUALITY

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

SAFETY



Keep out of reach of children.



Avoid contact with eyes, skin and clothing.



Use appropriate protective equipment during mixing and application.



Refer to the Product Safety Data Sheet (SDS) for full health and safety information.

TECHNICAL DATA

PROPERTY

DESCRIPTION

Product Type	Two-component polymer-modified cementitious
Coating	-
Colour	Grey
Density	$\pm 1.7 \text{ g/cm}^3$
Hydrostatic Pressure (Positive)	< 4 Bar

TENSILE ADHESION

Standard Conditions	1.4 MPa
Water Immersion	1.4 MPa
Crack Bridging	0.75 mm
Compliance	EN 14891
Recommended Application	Minimum 2 coats

COVERAGE (PER 2 COAT APPLICATION)

General Approx	Approx. 4 m ² per 10 kg kit at 1 mm per coat
Showerkit	Approx. 3 m ² per 6 kg kit at 1 mm per coat
Waterproof kit	Approx. 8 m ² per 6 kg kit at 1 mm per coat
Temperature	Temperature Minimum 5°C
Shelf Life	12 Months

PACKAGING

KWIKproof Liquid + KWIKbase	5L & 20L Polymer liquid. 20kg KWIKbase
Shower Kit (10L Bucket)	2L Liquid, 4 kg KWIKbase, block brush & membrane sheet. Approx Coverage 3m ²
Waterproof Kit (20L Bucket)	5L Liquid, 10 kg KWIKbase, block brush & membrane roll. Approx Coverage 8m ²

