

Floor Screed

STICK a TILE FLOOR SCREED is a high strength, rapid setting, shrinkage compensated flooring compound formulated for rectifying and smoothing imperfections in floor surfaces. It is designed to produce a smooth, hard wearing surface suitable for fixing all floor coverings. When mixed with **STICK a TILE KEY** it is also suitable for use as a protective barrier over under tile heating elements.

All recommendations contained in this document are based on the **SABS 10107:2011** Code of Practice for the Design and Installation of Ceramic Tiles.

SURFACE PREPARATION

New floors and walls must be left to cure for the following periods to ensure the tiling application is not compromised:

- New concrete 6 weeks
 - New screeds 4 weeks
 - New render 2 weeks
 - New brickwork 4 weeks
- Surface must be firm and free of dust, loose partials, mould, oil, grease, wax polish and organic growth. Organic growth must be removed, and the spores killed with an effective fungicide.
 - PVA painted and gypsum plastered surfaces need to be chipped to remove 80% of the paint and gypsum.
 - Enamel painted and bitumen coated surfaces, strip 100% of the coating by scraping and then chip to expose 80% of the substrate to be tiled on.
 - Ensure that existing tiles are firm, clean with a mild acid and rinse

thoroughly with clean cold water. Allow to dry thoroughly before tiling commences.

- Smooth off-form shutter or power floated cement surfaces must be cleaned with a mild acid wash to remove laitance, rinse with clean cold water. Allow to dry thoroughly before tiling commences.

MIXING

- Gradually mix 20kg **STICK a TILE FLOOR SCREED** to 5 litres of cold clean water.
- Mix to a lump-free creamy paste using the correct mechanical mixer or paddle mixer attached to a drill.
- Allow mix to stand for ± 10 minutes.
- Remix before use.
- Remix every 10 minutes during use. Do not add more water or any other substance.
- Do not mix more floor screed than can be used within ± 1 hour.
- Replace the water mix with **STICK a TILE KEY** where enhanced flexibility is required, in wet or permanently wet areas, **ALL** exterior and exposed areas, where extreme temperature changes are expected (i.e. under floor heating), heavy traffic areas, or any other applications as may be recommended by **STICK a TILE**.
- Do not add too much water or attempt to extend the working time by adding more water as this will cause the adhesive to be weak with a tendency to crumble.



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- Do not add sand, cement or any unspecified products.

APPLICATION

- Pour the mix onto the floor and spread using a 600mm extended edge steel trowel and work until a smooth level surface is achieved.
- **STICK a TILE FLOOR SCREED** can be applied up to 12mm per single application.
- Additional coats can be applied until the finished result is required.
- Trowel marks and high spots can be removed with a coarse sandpaper or a corundum stone once the screed is dry.
- Allow the layer to dry fully before proceeding with installing of floor covering or subjecting it to traffic.
- When screeds of 5mm or thicker are laid it is advisable to allow these 24 hours to dry before installing floor coverings or traffic.

COVERAGE

Depending on the nature and evenness of the surface of application, approximately 3.7m² per 20kg bag at a 3mm thickness.

PRODUCT PROPERTIES

Open Time:	±20 min at 20°C
Final Setting Time:	24 hours at 20°C
Pot Life:	±1 hour at 20°C

Application Temperature:	Do not apply below 5°C or above 30°C
Shelf Life:	6 months from production
Storage:	Store product in a dry and covered area at temperatures between (10°C and 30°C). Do not store directly on floor surface. Avoid large changes in temperature and humidity in storage environment.

GUARANTEE

We guarantee that **STICK a TILE** products meet the required specifications and will be free of defect. Any guarantee regarding the performance of **STICK a TILE** product will be subject to the professional and practical application of **STICK a TILE** product in accordance with our instructions and specifications. The guarantee would become void should the **STICK a TILE** product be contaminated or altered by the addition of cement, sand or substance other than recommended by us.

We have no influence over specific site conditions and therefore, if in doubt, the user should first carry out sufficient tests to ensure that the product is suitable. In special cases, obtain professional advice from the **STICK a TILE** technical department.



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NOTE: We required to be informed within a reasonable time of suspected defect/s and afforded the opportunity, and time, to investigate the problem in detail. **NO** remedial work is to commence until our final findings and assessments have been made in writing.

WARNING

Do not ingest. Keep away from children and pets. Do not empty in drains. Contact STICK a TILE for further Health and Safety Information.

PRECAUTIONS

In the event of contamination, rinse thoroughly with cold clean water and seek medical assistance if irritation or discomfort should occur. Wear the appropriate safety equipment, rubber gloves, a mask and ensure the area where the product is been used is well ventilated.

IMPORTANT NOTICE

The information supplied by **STICK a TILE** on this data sheet is deemed correct and is supplied as a guideline only. **STICK a TILE** does not accept any liability for any injury, damage or loss resulting in the use of this product.

STICK a TILE reserves the right to change the information on this data sheet as and when deemed necessary.

For detailed specifications on the product usage contact **STICK a TILE** on:

Tel: [\(011\) 626 1981](tel:011-626-1981)

Email: info@stickatile.com

