



STONE  
SHIELD

STONE AND FLOORCARE

HOW TO GUIDE:  
SEALING: SANDSTONE PRODUCTS

[www.stoneshield.co.za](http://www.stoneshield.co.za)

## **INSTALLATION**

Tile adhesive is always recommended for tile installations. Adhesive should be applied at a minimum 5mm to the floor using a notched trowel. A thin layer of tile adhesive should be applied to the back of the tile prior to placing. The tile should be twisted into the wet tile adhesive to remove trapped air prior to tapping with a rubber mallet. Only the use of a white rubber mallet is recommended. Black rubber may cause permanent marking on porous tiles.

## **GROUTING**

It is advisable and recommended that only clean yellow plaster sand and cement in a 50/50 ratio be used for grouting of sandstone tiles. Bonding liquids should only be added to the grout mixture if immediate and proper clean-up is possible. Be careful when using pre-packaged grout as these products have plasticisers, latex resins and pigments, which could cause staining if not immediately cleaned up after grouting.

Only small areas at a time should be grouted as cleaning up of the excess grout on the tile surface should be done before the grout has dried. STONESHIELD GROUT-LIFT™ should be added to the water to aid with cleaning. Dried grout on the tile surface may lead to picture framing and severe staining.

## **CLEANING AFTER GROUTING**

In the case of sandstone tiles, acid based cleaners like STONESHIELD GROUT-LIFT™ and STONESHIELD BRICK & MASONRY CLEANER can be used for the removal of grout and cement residues.

STONESHIELD DEEP-CLEAN™ should be used to neutralise the surface after cleaning with an acid based cleaner. Neutralising helps prevent sealer failure.

## **WHY POROUS TILES NEED SEALING?**

Natural stone, terracotta, cement and clay tiles are natural materials which have been quarried or formed or pressed. Their natural form cannot be modified and therefore require sealing to protect against the following:

1. Sealing reduces the porosity of the tile or stone, reducing the chance of permanent staining.
2. Sealing protects against chemical attack from acids. (eg. wine, coffee, vinegar, sugar, soft drinks.)
3. Sealing strengthens the surface, providing increased abrasion resistance and surface protection
4. Sealing often improves the aesthetic finish of natural stone, terracotta, etc.

## **SEALER RECOMMENDATIONS**

Recommended sealer for sandstone floor : SANDSTONE-SEALER (natural look resin system)  
and internal wall tiles : QUARRI-SEAL® MATT (colour enhancing resin system)

Recommended sealer for sandstone wall : WALL-CLADDING-SEALER (natural look repellent)  
cladding

## SEALER SELECTION

The intended purpose of a sealer is to protect the tile or surface. Different types of protection are required based on the type of floor or tile.

1. Certain surfaces only require protection against staining. In this case a penetrating sealer or repellent would be the correct choice.

Wall Cladding - STONESHIELD WALL-CLADDING-SEALER™

2. Certain surfaces require protection against surface wear and tear as well as staining. In this case a resin type sealer is required. The final surface finish and colour enhancing or natural look is purely of personal choice.

Sandstone Tiles - STONESHIELD SANDSTONE-SEALER

Sandstone Tiles - STONESHIELD QUARRI-SEAL® MATT

## STONESHIELD SANDSTONE-SEALER

**Description :** A superior quality natural look, non-yellowing water based resin sealer that provides a protective surface sheen, good stain resistance and ease of cleaning. For interior and exterior use.

**Uses:** Suitable on natural, tumbled and honed sandstone, and similar natural stone.

## STONESHIELD QUARRI-SEAL® MATT

**Description:** A premium quality, non-yellowing solvent based resin sealer that provides a satin finish, superior stain resistance and surface protection. A penetrating sealer that colour enhances and provides a “wet look” finish. For interior and exterior use.

**Uses:** Suitable on natural, tumbled and honed sandstone, and similar natural stone.

## STONESHIELD WALL-CLADDING-SEALER™

**Description:** A superior quality natural look, no sheen, no surface film, solvent based penetrating water repellent, designed to provide protection against rain, moisture, general airborne dirt, pollution, mould and mildew. Allows water vapour transmission. Suitable for interior and exterior use.

**Uses:** Suitable on natural, tumbled and honed sandstone, and similar natural stone.

## MAINTENANCE:

Only use STONESHIELD DAILY- CLEAN™ to prolong the life of the sealer.

Re-apply the original STONESHIELD sealer if the surface becomes difficult to clean or staining occurs.

STONESHIELD PROTECT AND SHINE™ (gloss) and STONESHIELD SURFACE PROTECTOR™ MATT can be used internally as a protective maintenance polish.

## LIMITATIONS:

Do not apply to damp tiles or surfaces.

Allow sufficient time for the grout and tile adhesive to dry out completely before sealing. Consult the STONESHIELD sealer label for the correct drying times for the sealer selected.

Do not wet tiles or surfaces for at least 24 hours after sealing.

Allow at least 4 - 8 hours drying time before foot traffic depending on the sealer selected.

Do not apply sealer externally if rain is expected within 12 hours.

Store and use between 16° C and 32° C only.

SURFACE TYPES	FLOORS & FLOOR TILES		WALLS & CLADDING
NAME	SANDSTONE- SEALER	QUARRI-SEAL <sup>®</sup> MATT	WALL-CLADDING-SEALER
Quality	Superior quality	Premium quality	Superior quality
Colour change	Natural look	Colour enhancing	Natural look
Surface finish	Sheen/ gloss	Satin sheen finish	Natural finish
	Surface protection	Surface protection	No surface film
Type of sealer	Resin sealer	Resin sealer	Repellent
Water / solvent	Water based	Solvent based	Solvent based
Usage	Interior & exterior	Interior & exterior	Interior & exterior
Over coating times	Wet on wet application	2 hours	Wet on wet application
Expected wear	5 years	5 years	15 years
Min. no of coats	2 coat	2 coat	1 coat
Maintenance: cleaner	Daily-clean	Daily-clean	none
Maintenance: polish	Surface protector matt	Surface protector matt	none

For additional information and advice call:  
STONESHIELD cc.

40 15<sup>TH</sup> STREET  
MARLBORO GARDENS  
JOHANNESBURG  
(011) 444 8882

[www.stoneshield.co.za](http://www.stoneshield.co.za)

The information in this brochure is supplied in good faith and is accurate to the best of our knowledge.

STONESHIELD reserves the right to alter the above information without notice.

Under no circumstances shall STONESHIELD accept any liability for damage, direct or consequential, arising from any use or misuse of our products. Always test first. No warranties express or implied, including those of merchantability or fitness for particular purpose extend beyond the description on this label. Determining suitability of product shall be the sole responsibility of the user.

Copyright 2008 STONESHIELD cc. All rights reserved.

No part of this document may be reproduced in any form or by any means.