



STONE
SHIELD

STONE AND FLOORCARE

HOW TO GUIDE:
SEALING: MARBLE, GRANITE
& TRAVERTINE

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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

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. Dried grout on the tile surface may lead to picture framing and severe staining.

Using acid based cleaners to remove dried grout on marble, travertine and limestone will result in surface damage. The use of acid based cleaners is not recommended on most granite.

CLEANING AFTER GROUTING

In the case of marble, travertine, limestone and granite tiles only alkaline and neutral cleaners like STONESHIELD DEEP-CLEAN™ and STONESHIELD X-TREME-CLEAN™ should be used. Acid based cleaners like STONESHIELD GROUT-LIFT™ and STONESHIELD BRICK & MASONRY CLEANER should never be used unless an etched or weathered look is required.

WHY POROUS TILES NEED SEALING?

Natural stone, terracotta, cement and clay tiles are natural materials which have been quarried, 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. (e.g. 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 floor : MARBLE, GRANITE & TRAVERTINE SEALER (natural look repellent).
& wall tiles, vanities and tops : PENETRATING SEALER COLOUR ENHANCER (colour enhancing repellent).

Recommended sealer for stone : WALL-CLADDING-SEALER™ (natural look repellent)
wall 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™

Marble / granite / travertine Tiles - STONESHIELD MARBLE, GRANITE & TRAVERTINE SEALER

Marble / granite / travertine Tiles - STONESHIELD PENETRATING SEALER™ COLOUR ENHANCER

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.

Honed, natural, tumbled Marble / granite / travertine Tiles- STONESHIELD PROTECTA-PLUS™

Polished Marble, Travertine & Limestone - STONESHIELD MARBLE CRYSTALISER

STONESHIELD MARBLE, GRANITE & TRAVERTINE SEALER

Description: A premium quality, solvent based, penetrating, no-sheen, no surface film, natural look water and oil repellent for maximum stain protection. Can be used as a pre-grouting sealer on clean surfaces at least 6 hours before grouting. Allows water vapour transmission. For interior and exterior use.

Uses: Suitable on low porosity tiles including polished, honed, tumbled and natural marble, travertine, granite and limestone.

STONESHIELD PENETRATING - SEALER™ COLOUR-ENHANCER

Description: A premium quality, solvent based, penetrating, no-sheen, no surface film, colour enhancing water and oil repellent for maximum stain protection. Allows water vapour transmission. For interior and exterior use.

Uses: Suitable on low porosity tiles including honed, tumbled, flamed and natural marble, travertine, granite and limestone.

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 polished, honed, tumbled and natural marble, travertine, granite and limestone.

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	MARBLE, GRANITE & TRAVERTINE SEALER	PENETRATING- SEALER™ COLOUR-ENHANCER	WALL- CLADDING- SEALER
Quality	Premium quality	Premium quality	Superior quality
Colour change	Natural look	Colour enhancing	Natural look
Surface finish	Natural finish	Natural finish	Natural finish
	No surface film	No surface film	No surface film
Type of sealer	Repellent	Repellent	Repellent
Water / solvent	Solvent based	Solvent based	Solvent based
Usage	Interior & exterior	Interior & exterior	Interior & exterior
Over coating times	30 minutes	30 minutes	Wet on wet application
Expected wear	15 years	5 years	15 years
Min. no of coats	1 coat	2 coats	1 coat
Maintenance: cleaner	Daily-clean	Daily-clean	none
Maintenance: polish	Marble crystalliser		none

For additional information and advice call:
STONESHIELD cc.

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