



the natural stone & tile specialists

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SURFACE COATINGS

WHERE AND WHEN TO USE THEM

Surface coatings are also known as topical sealers, they typically are an acrylic resin but some are a urethane resin, they both are available in water-based and solvent based. Basically they are a plastic film that will bond to the tile and creates a glossy film on top of the tiled surface, this creates a smooth surface that requires very little effort to clean. Urethane coatings are very hard wearing; they are commonly used for timber floors. Urethanes generally last a lot longer than acrylics however they are not easily stripped because they are designed to be sanded off. Acrylics are easy to apply and can be easily removed when needed, however reapplication must be considered in the maintenance of the floor.



Above is a picture of Spirit Glossy Seal on Natural Terracotta

SUITABILITY

Spirit has two types of surface coatings, **Spirit Uni-Seal** (solvent-based) and **Spirit Glossy Seal** (water-based). Spirit Uni-Seal can be used on most stone and concrete surfaces. It is not recommended on clay products as they need to breathe and Spirit Uni-Seal does not allow vapor transmission. Spirit Uni-Seal is generally used externally, however like all surface coatings it will alter the slip resistance so applying around swimming pools or on ramps is not recommended. Spirit Glossy Seal should only be used internally and can be used on most natural stone & clay products because it allows some vapor transmission. It is not recommend on walls or in bathrooms.

LIFE EXPECTANCY

Frequency of reapplication varies greatly due to the amount of traffic the floor will suffer. For instance a busy café that has an acrylic coating may need reapplication every 3-6 months due to the debris under peoples feet i.e. sand, dirt, etc. However a domestic house where most people walk with there shoes off may only need to reapply every 12-18 months.

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STRIPPING

Acrylic coatings can be stripped relatively easy with just a few steps.

1. **Spirit Safe Stripper** is a blend of water-soluble solvents that is Non-flammable & Non-toxic. First you apply the Safe Stripper undiluted directly on to the floor and allow it to stand for 15-30 minutes, this allows the product to soak into the coating and start breaking it down.
2. Dilute **Spirit H.D.C** 10 parts water to 1 parts H.D.C and then apply it directly on top of the stripper, this will turn the stripper milky white color and help break up the coating. Then start scrubbing the floor vigorously until the original surface of the tile is showing.
3. Using a wet vacuum cleaner or mop remove all the liquid off the floor and then thoroughly rinse the floor with H.D.C diluted 20 parts water to 1 part H.D.C

TYPES OF SEALERS

Spirit Uni-Seal



PRODUCT DESCRIPTION

Spirit Uni-Seal is a single part clear thin solvent acrylic lacquer which as a dry film offers high gloss, excellent adhesion to calcareous substrates such as concrete, slate and stone.

USES

Gives a high level of protection against surface staining on the following products:

- Stamped concrete
- Concrete in general – slate and slate type products
- Some natural stones such as: Granite, Quartz & Tumbled Marble
- Concrete pavers

CHARACTERISTICS

Value for cost

Internal and external use

Fast sealing and curing (average 30 minutes dry time)

High resistance to both oil and water-borne contaminates

Can give a wet look on external areas

Spirit Glossy Seal



PRODUCT DESCRIPTION

Water-based surface sealer. Milky white liquid, drying to a clear acrylic glossy coating.

USES

Top coating providing a glossy wet look. Used on terracotta tile and other natural stone. Can be applied to marble flooring and all internal stone.

CHARACTERISTICS

Water-based formula

Safe & easy to use

No fumes

Strips with Spirit H.D.C

Suitable for internal use

High resistance to both oil and water-borne contaminates

Contains cross link copolymers that react with each other by bonding to give excellent strength.

Please Note: This is a general guide only. For detailed information please contact Spirit www.spiritsealers.com

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