

TECHNICAL BULLETIN



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TUSCAN TSL PREMIUM PENETRATING SEALER Maximum Stain Protection (15 YEAR WARRANTY)



POLISHED PORCELAIN, VITRIFIED & TESSELLATED TILES, MARBLE, GRANITE, TERRACOTTA, SANDSTONE, TRAVERTINE, CONCRETE AND CLAY PAVER SEALER.

GENERAL DESCRIPTION

TUSCAN TSL is a new generation super concentrated **almost invisible penetrating sealer** that will not change the surface texture but may slightly enhance the colour of the paver surface. **TUSCAN TSL** is designed for use on porous materials such as terracotta, travertine and sandstone as well as granite, marble, clay and concrete pavers. **TUSCAN TSL** is ideal where a long lasting, low maintenance finish is required. **TUSCAN TSL** will provide a barrier to staining from commonly encountered materials such as coffee, cooking oils, margarine, wine and general foot traffic. The durability of the product makes it suitable for use in interior and exterior environments and may be buffed if a higher gloss appearance is desired.

PRODUCT BASE

TUSCAN TSL is a complex based resin dispersed in an organic solvent. The resin is particularly hard wearing and will maintain its integrity over a period of years. It is nonflammable and low VOC.

APPLICATION

Allow a minimum of 14 days from date of laying/grouting of newly laid pavers or stone surfaces before application of **TUSCAN TSL** to ensure all moisture has left grout and substrate.

Ensure all efflorescence (whitish salts on surface) has ceased to appear (residual salts may be removed using an Anti Eff wash, follow instructions).

- The surface to be treated should be cleaned free from dust and thoroughly dry.

Apply **TUSCAN TSL** using a heavy duty sprayer, lambswool applicator or paint brush taking particular care to avoid streaking. Each coat must be a “flow coat” to ensure full saturation of all pores in the tile surface. Generally a minimum of 2-3 even coats should be applied at a direction of 90⁰ to each other working grout line to grout line, sealing grout lines as well. Broad application guidelines are as follows but our advice is to determine (*on a sample*) the number of coats required to provide complete protection against staining from vegetable & cooking oils, margarine, other stains etc. Stir before use.

COVERAGE

Ultimate coverage is entirely dependent on the quality and porosity of the substrate being sealed. Coverage will vary from 5 – 30 m² per litre. Testing should be conducted to determine the correct quantity of sealer needed to meet expectations or stain resistance.

The following is a guide only to coverage:

Porous Surfaces: e.g. MEXICAN TERRACOTTA. Apply 3 – 6 coats with a minimum of 2 hours between coats. Coverage will be 10 – 15 m² per litre per coat.

Semi Porous Surfaces: e.g. AUSTRALIAN PAVERS. Apply 2- 4 coats with a minimum of 2 hours between coats. Coverage will be 10 – 15 m² per litre per coat.

Dense and Polished Surfaces: Apply 1 – 3 coats with a minimum of 1 hour between coats. After the final coat has fully dried lightly buff the surface to a shine using a lint free cloth or lambswool applicator which has been moistened with **TUSCAN TSL**. Coverage will be 20 – 30 m² per litre per coat.

To assist in removal of grout after grouting, the tiles may be presealed prior to laying, using **TUSCAN TSL** or **Environex's** water based **ENVIROSEAL PLUS**. **TUSCAN TSL** may also be applied through non-aluminium solvent resistant sprayers. Always provide adequate ventilation to the work area. Avoid heavy traffic for 24 hours after final coat. If in any doubt ring our information hotline for more detailed information.

Areas sealed previously with **TUSCAN TSL** may be resealed without stripping. Simply re-apply to a clean, dry floor. Life expectancy of this sealer is 15 years dependent on traffic. Heavy traffic areas should be resealed as necessary.

CLEANUP Use Cyclone or methylated spirits. The product is not water soluble.

STRIPPING

When laid, **TUSCAN TSL** is impervious to most compounds commonly used to strip sealers. Best stripping results can be obtained by flooding small sections of flooring with **CYCLONE** and removing the resultant slurry with a dry cloth.

MAINTENANCE

Daily care and maintenance can be done in the following manner.

Remove loose soiling by either sweeping or vacuuming area.

- Clean tiles by means of mop, sponge or automated scrubber, depending on size of area to be cleaned with **REFRESH**. Agitation of the tile surface by brush or pad will aid soil removal without damaging the sealer. The resultant “dirty” slurry should be removed from the floor.

It is recommended that general cleaning be done with a suitable neutral detergent such as **REFRESH**. In instances where difficult stains such as oils or grease are encountered, more aggressive cleaners such as **S21 MULTI PURPOSE CLEANER** or **HD CLEANER** may be used. Floor must be rinsed with clean water to remove any residual cleaning solution. If the sealed surface is compromised recoating may be necessary.

SPECIAL NOTE. This product **CAN NOT** delaminate as it is a penetrating product. Haziness or powdering on the surface after the use of this product will be the emergence of efflorescence which can be removed using **ENVIRONEX ANTI-EFF**.

ENVIRONMENTAL

VOC content. The Volatile Organic Content (VOC) is less than 5% as defined by the National Pollution Inventory.

TUSCAN TSL is readily biodegradable.

PACKAGING

2 Litre, 10 Litre, 20 Litre & 200 Litre containers.

IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.***

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