

STAIN-PROOF™

PREMIUM IMPREGNATING SEALER ORIGINAL

STAIN-PROOF Original™ is an impregnating, invisible and breathable sealer that provides premium permanent protection for natural stone, tiles, pavers, concrete, brick and grout from water and oil based stains and damage caused by water and dissolved salts. Treated indoor and outdoor surfaces become easier to clean and keep looking good for longer.



TYPICAL APPLICATIONS:

STAIN-PROOF Original™ is suitable for a wide variety of indoor and outdoor applications in residential and commercial buildings, including: building facades, floors, walls, countertops, showers, swimming pool surrounds, patios, garages, kitchens and entertaining areas.

BENEFITS:

- Premium water and oil repellence for superior stain protection: Tested in accordance with ISO 10545-14 Determination of resistance to stains Class 5 (highest class).
- Unique super-penetrating, permanent bonding technology for long lasting protection. 15 year written performance warranty can be provided if applied by a Dry-Treat Accredited Applicator*
- Protects against efflorescence, freeze-thaw and salt spalling damage. (NOTE: Softer materials, including limestone, sandstone and travertine in a freeze-thaw or salt water environment need extra protection - use DRY-TREAT 40SK™ consolidating sealer.)
- Retains natural surface color and finish
- Treated surfaces are easier to clean and dry quickly even after heavy rain.
- Super breathable: Water vapor escapes freely preventing harmful moisture buildup inside the treated material.
- Suitable for indoor, outdoor, residential and commercial use. Stands up to alkaline cleaners and pressure hosing.

PACK SIZE

USA : 1 Quart (946 mL) only

EUROPE : 1 Quart (946 mL) / 1 Gallon (3.79 L) / 5 Gallons (18.9 L)

AUSTRALASIA : 1 Quart (946 mL) / 1 Gallon (3.79 L) / 5 Gallons (18.9 L)

CAUTIONS:

Highly flammable liquid and vapour. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects. Use only outdoors or in a well-ventilated area. Ground/bond container and receiving equipment. IN CASE OF FIRE, use alcohol resistant foam or normal protein foam for extinction. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

FIRST AID:

FIRST AID: IF INGESTED do NOT induce vomiting. IF INHALED, remove from contaminated area. Lay patient down. Keep warm and rested. IF YOU FEEL UNWELL call a POISON CENTER and seek immediate medical attention. IF IN CONTACT WITH SKIN, immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water and soap if available. IF IN EYES, wash out immediately with fresh running water. Remove contact lenses if easy to do so. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. Continue rinsing and seek immediate medical attention.

STORAGE:

Keep container tightly closed. Store in a well-ventilated place. Keep cool. Dispose of contents/ container in accordance with local regulations.

ACTIVE CONTENT:

50% active content in alcohol.

VOC CONTENT:

VOC compliant in container having capacities of one Liter or less.

TRANSPORT:

Shipping name: FLAMMABLE LIQUID, N.O.S. (contains ethanol) Dangerous Class: 3, UN Number: 1993, Packing Group: II. VOC (US EPA Method 24): < 650g/litre

COUNTRY OF MANUFACTURE:

Made in USA

WARRANTY:

*A 15-YEAR PERFORMANCE WARRANTY is offered when product applied by an Accredited Applicator following our written instructions and surface is maintained regularly using our written maintenance system, as outlined in our warranty document. Spills should still be cleaned up immediately to minimize absorption.



HOW TO USE:

- TEST PRODUCT ON A SMALL, INCONSPICUOUS AREA FIRST. Allow a 24-hour cure time to determine the ease of application and desired results**
- Surface must be dry, clean and free of residues.
- DO NOT thin product
- Generously apply STAIN-PROOF™ using low pressure hand sprayer, clean brush or lamb wool applicator. Porous surfaces should have a mirror like 'wet' look for 3-5 seconds. Avoid contact with surrounding areas.
- Wait for approximately 10 minutes but before the surface dries, then repeat step 4.
- After the final coat, wait approximately 10 minutes but before the surface dries, then polish the surface thoroughly with clean, dry, white cloths, towels or similar to remove excess product, moistening cloth with STAIN-PROOF™ to ease polishing.
- Use an organic solvent e.g. methylated spirits to clean equipment

NOTE: Sealer will not prevent surface etching, scuff marks or wear and may lighten or darken some surfaces. STAIN-PROOF Original™ will make the maintenance and cleaning of a treated surface much easier. Once cured, this product is food contact safe. Spills should be cleaned up immediately to minimize absorption.

APPLICATION RATES

Surface Type	sq ft/qt	sqm/qt
Basalt - Porous (Chinese)	70	7
Basalt - Dense (European)	120	12
Bluestone (Australian Basalt)	100	10
Bluestone (USA Boston Bluestone)	60	6
Brick	60	6
Poured Concrete Dense	70	7
Poured Concrete Medium	70	7
Concrete Paver (dry pressed)	40	4
Concrete Paver (wet cast)	70	7
Coral Stone	50	5
Granite Flamed	60	6
Granite Honed	80	8
Granite Polished	120	12
Grout Lines	300 linear feet	90 linear metres
Limestone Honed - Dense	70	7
Limestone Honed - Porous	50	5
Limestone Polished	100	10
Marble Honed	100	10
Marble Polished	150	15
Porcelain - Honed and Polished	150	15
Quartzite	100	10
Saltillo	50	5
Sandstone (Indian, hard)	70	7
Sandstone (soft)	40	4
Slate - Dense black	120	12
Slate	70	7
Terracotta dense	70	7
Terracotta porous	50	5
Terrazzo	100	10
Travertine honed	70	7
Travertine polished	100	10
Victorian Encaustic Tile	70	7
Victorian Encaustic Tile - very porous	40	4

ADVANCED APPLICATION GUIDELINES

1. TESTING STAIN-PROOF™

STAIN-PROOF™ must be allowed to cure for at least 3 weeks before undertaking testing.

a. Achieving optimum stain repellence.

STAIN-PROOF's specially designed sealing molecules migrate through the pores and find sites to bond by a process of chemical reaction, over 3 to 4 weeks! As more STAIN-PROOF™ molecules bond inside the pores, the material becomes more oil and water-repellent. After 24 hours of cure time, the product will show only adequate stain repellency and zero penetration, but after 3 weeks cure time the results will be significantly better.

b. Achieving maximum depth of penetration.

The modified silane molecules in STAIN-PROOF™ are hundreds of times smaller than the best modern competitor (fluorocarbon / siloxane) sealers, which cannot penetrate into the pores of dense materials, such as polished granites. After 3 weeks of cure time, typical penetration of STAIN-PROOF™ into Kashmir white granite is 8 to 13 millimeters.

2. APPLYING STAIN-PROOF™ ON DENSE / POLISHED SURFACES

STAIN-PROOF should be applied to smooth surfaces with a lamb's wool applicator or cloth, so the sealer is wiped over the surface. Spraying is not recommended for polished surfaces. Drying time between coats should be maximized – approximately 15 minutes.

3. APPLYING STAIN-PROOF™ ON HIGHLY POROUS SURFACES

Highly porous surfaces, such as sandstone and soft varieties of limestone should ideally be pre-sealed with a light spray of STAIN-PROOF™, at least 8 hours before applying the 2 main coats. Apply sufficient product so the surface looks shiny / mirror wet for at least 3-5 seconds after each coat.

4. APPLYING STAIN-PROOF™ ON A NEW TILE INSTALLATION

On a new installation, apply a coat of STAIN-PROOF™ prior to grouting. Then 24 hours after the first coat, apply the grout. After the grout dries (ideally 24 hours later), apply the second coat of STAIN-PROOF™. The first coat of STAIN-PROOF™ will help reduce the chances of picture framing occurring and make grout haze easier to clean.

5. APPLYING STAIN-PROOF™ ON VERTICAL SURFACES

On vertical surfaces you have much less dwell time than on horizontal surfaces as a liquid sealer will run down the wall if a substantial amount is applied. You need plenty of dwell time for the product to penetrate sufficiently. The way to do this is to apply 4 light coats of STAIN-PROOF Original™ instead of 2 generous coats. Apply each successive coat before the previous one dries (wet on wet, approximately 10 minutes between coats). Place tarp or plastic sheets below to catch the excess drips.

6. PROTECT SURROUNDING AREAS WHEN APPLYING STAIN-PROOF™

Cover surrounding areas which you do not wish to treat with STAIN-PROOF™. Use removable painter's tape to cover the bottom of walls.

PRECAUTIONS:

Apply when surface temperature is between 5 - 35°C (40 - 95°F). Avoid moisture contact with the surface for six hours after application. Use positive pressure respirator if ventilation is inadequate. Wear suitable solvent resistant gloves, protective clothing, safety goggles and an organic vapor respirator during application.

REFERENCE SITES

AUSTRALIA

- Rundle Street Mall, Adelaide,
- World Square Mall, Melbourne,
- Noosa Shopping Centre, Noosa,
- MCF Foot bridge, Vic
- Federation Square, Vic
- Collins Street Mall, Vic
- Victoria National Art Gallery, Vic
- Queen Victoria Building, NSW
- Tourism College, Manly, NSW
- North Sydney Olympic Pool, NSW
- Noosa Shopping Centre, Qld
- Melbourne Cricket Ground, VIC
- Parramatta Station, NSW
- Hay St Mall, Perth, WA
- Sefton Train Station, Sefton, NSW
- Woolworths Double Bay Cheese Room, Double Bay, NSW
- Oaks Hotel Sydney, Neutral Bay, NSW
- National Police Memorial, Canberra, ACT
- Ballina Council, Ballina, NSW
- Sydney Church of England Girls Grammar School, NSW

USA

- Dallas Cowboys Stadium, Dallas, TX
- USA Napier Valley Winery, CA
- Chase Bank, San Antonio, TX
- First City Tower, Houston, TX
- Alpine Elementary School, CO
- Legacy Elementary School, Fredrick, CO
- Twin Peaks Charter Academy, Main St,
- Ave of the Stars, East City, Los Angeles, CA
- Hero Statue, New York City, NY
- Ground Zero Monument, NY
- The Austonian Hotel, Austin, TX
- Beverly Hills 9/11 Memorial Garden, Beverly Hills, CA
- Schuster Performing Arts Centre, Dayton, OH

THE REST OF THE WORLD

- Fenerbache Soccer Stadium, Turkey
- Beneton Super Stores, Vienna & Graz, Austria
- Shopping Centre, Luxabuild, Kuala Lumpa
- Ascot Hotel, New Zealand
- USA Embassy, Sofia, Bulgaria
- Merlion Park, Singapore
- El Dorado Golf and Beach Club, Mexico
- Kings College, London, UK
- Hesperia Towers Hotel, Barcelona, Spain
- Martello Tower, Essex, UK
- National Library of Uzbekistan, Tashkent, Uzbekistan
- University of Geneva, Geneva, Switzerland
- Church in San Sebastian, Spain
- Piet Boon Building, Amsterdam, Netherlands
- Luas Tram System, Dublin, Ireland
- Barcelona Metro, Barcelona, Spain
- Nirvana Spa, West Berkshire, UK
- Kilhorne Parish Church, Ireland