

# Solv Sealer Gold

Premium solvent based penetrating sealer

Solv Sealer Gold provides premium “nano-molecule” protection to, natural fine stone, sandstone, pavers, bricks, porous tiles and grout. It’s extremely small molecular structure enables it to rapidly penetrate into the fine pores of natural stone, clay and cementicous materials. It provides long lasting, high performance protection against water and oil based contaminants, efflorescence and spalling.

- Provides premium protection for up to 15 years.
- Independently performance tested by NATA approved stone laboratory.

## BENEFITS

- **Precise Chemistry** – Formulated using a precise blend of “nano – small particle” fluorochemical technology with specialist penetrating solvents to achieve a high level of penetration into small-pore, dense substrates.
- **Premium Protection** - Provides premium protection against water and oil borne contaminants including; food and beverage stains, oil & greasy spills, biological growth such as mould & mildew, spalling, efflorescence, pollution and weathering.
- **Versatile Application** – Solvent base chemistry provides premium protection to a wide range of substrates but with special distinction on natural stone surfaces, porous engineered stone and clay products.
- **Natural Look** – Does not alter the natural look of fine stone nor change its surface texture, slip characteristics or colouring.
- **Surface Safe** – Will not etch or cause discolouration of marble or fine stone.
- **Vapour Permeable** – Won’t trap moisture. Allows natural stone to “breathe”.
- **Safe to Use** – Solv Sealer Gold does not contain chlorinated hydrocarbons and is not a suspected carcinogen.

## Recommended applications:

Formulated to provide ultimate protection from staining to all forms of fine stone, masonry and cementicous surfaces including:

- Granite, marble, limestone, travertine. (Polished, honed, exfoliated, flamed or saw cut)
- Basalt and Bluestone
- Terracotta, Saltillo, Quarry and Terrazzo.
- Sandstone and Slate.
- Masonry and concrete.

## Expected Wear:

Solv Sealer Gold will provide ultimate protection for up to 15 years. However application methods, weather conditions, traffic and harsh cleaning methods will affect wear. Avoid use of solvents, strong acids and strong alkalis for extended sealer life.

Cleaning with Actichem Proneutro is recommended.

It is recommended that the sealer should be re-applied every 5 – 7 years where harsh conditions exist.

## PRODUCT SPECIFICATIONS

**Product code:** AP176

**Safety:** Flammable

**Packaging:** 5Lt, 15Lt, 200Lt & 1000Lt



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## HOW TO USE

Read and understand the MSDS before use

Always pre-test in an inconspicuous location for sensitivity to chemicals.

### Preparation:

- New installations must be fully cured before application of Solv Sealer Gold (Min 48 hours)
- Existing stone, tile and grout must be totally clean, dry and chemical free.
- Coverage is 5 to 25m<sup>2</sup> / Litre per coat.
- Do not apply in direct sunlight. Temperature must be between 10°C and 28°C.
- Highly absorbent surfaces may require two or three coats.

### Application:

1. Apply 1 to 3 coats of Solv Sealer Gold by generously saturating the surface using a polish applicator, roller or sprayer to an area which can be easily reached. (Approximately 15m<sup>2</sup>). Ensure even coverage.
2. The surface must be shiny wet with a liquid film for at least 1 minute. For very porous substrates more sealer may need to be applied.
3. Allow 5 - 10 minutes for the sealer to absorb into the surface and then move the excess product with a squeegee to a new section.
4. If a second coat is to be applied, wait 20 to 30 minutes and repeat the process.
5. Using absorbent toweling or applicator, wipe off any sealer remaining on the surface after 10 minutes of the last application. Moisten the towel with Methylated Spirits to remove residues which have dried on the surface.
6. Allow 12 hours before returning area to traffic. Keep dry for 24 hours. Achieves a full cure in 24-48 hours.



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choice worldwide.



# Solv Sealer Gold

Solv Sealer Gold has been performance tested by Stone Initiatives Pty Ltd; an independent ASTM listed, ASAA member Dimension Stone Laboratory to assess the stain resistance imparted to applied surfaces.

## Summary of Testing:

Stone Samples:	Limestone (Polished) Bianco Carrara Marble (Polished) Light Coloured Granite (Flamed)
Test Specification:	AS4459:14-99 (Modified cleaning methods)
Sealer Application:	2 coats Solv Sealer Gold
Coverage Rate:	Limestone & Marble - 1lt/12.3m <sup>2</sup> Light coloured granite - 1lt/11.7m <sup>2</sup>
Staining agent dwell time:	1hour & 24 hour

The test results from this stringent test procedure demonstrate how effectively the Solv Sealer Gold protects treated surfaces. Whilst it is a well-known fact that no sealer provides a "bullet-proof" barrier to all stains these test results show how close the Solv Sealer Gold comes to providing a virtual shield to treated surfaces.

Staining Agents	Limestone		Marble		Light Coloured Granite	
	Unsealed	Sealed	Unsealed	Sealed	Unsealed	Sealed
Red Wine	Moderate Staining	Moderate Staining	Moderate Staining	No Staining	Slight Staining	No Staining
Orange Juice	Slight Staining	Slight Staining	Light Staining	Light Staining	No Staining	No Staining
Black Coffee	No Staining	No Staining	Moderate Staining	No Staining	Slight Staining	No Staining
Engine Oil	Severe Staining	No Staining	No Staining	No Staining	Moderate Staining	No Staining
Olive Oil	Severe Staining	No Staining	No Staining	No Staining	Moderate Staining	No Staining

## Limestone

The unsealed stone has very poor resistance to staining; especially oil based stains and is severely affected by acid stains such as red wine.

The sample of Limestone treated with Solv Sealer Gold significantly improved the stone's resistance to all staining agents especially oil based stains. Improved mean stain resistance rating from 66% to 84%

## Bianco Carrara Marble

The unsealed stone is sensitive to all staining agents and especially acidic solutions such as red wine and orange juice. No sealer is known which will provide marble with a total barrier to red wine.

The sample of Bianco Carrara Marble treated with Solv Sealer Gold significantly improved the stone's resistance to the staining agents applied. It produced significantly reduced etching and visibility of the acidic and fine residue stains. Improved mean stain resistance rating from 72% to 94%

## Light Coloured Granite

The unsealed stone was found to show staining to oil contaminants and poor resistance to red wine and coffee especially after extended dwell times.

The sample of light coloured granite treated with Solv Sealer Gold significantly improved the stone's resistance to all staining agents providing a virtual perfect result. Improved mean stain resistance rating from 66% to 100%