

# Defender SV Gold

## The ultimate landscape & facade protective treatment

Defender SV Gold imparts powerful water repellency through high-performance siloxane chemistry. In addition to this, Defender SV Gold also has the benefit of excellent oil repellency. This unique combination of attributes preserves the structural integrity of natural stone, masonry and concrete exposed to the elements whilst also protecting against mould, efflorescence and oil-based staining agents. It's the landscape architects dream for preserving the newness of outdoor granite, basalt, sandstone and concrete.

### Provides premium protection for up to 15 years.

Defender SV Gold is a clear, penetrating, breathable, sub-surface treatment for use on granite, basalt, sandstone, masonry and concrete. It's micro-molecules penetrate deeply into the tiny pore structure of natural stone and concrete and chemically bond to the substrate minerals to form an incredibly durable protective treatment which doesn't alter the appearance of the stone nor alters it's slip characteristics. It practically becomes part of the stone itself and provides "peace-of-mind" protection long into the future.

## BENEFITS

**Ultimate Water Repellency** – Defender SV Gold provides unparalleled lock-out of water and protection against water borne contaminants, chloride ions, efflorescence, mould and mildew.

**Powerful Protection Against Stains** – Defender SV Gold provides premium protection against stains caused by beverages, foods, body oils and pollution.

**Long Term Benefits** - Defender SV Gold's long-lasting repellency, protects natural stone, masonry and concrete against the damaging effects of efflorescence, spalling (freeze-thaw damage), corrosion of reinforcing bar, salt ion ingress, weathering, mould and staining.

### Benefits Continued:

**Retains Newness** – the high-performance protection and long-life span offered by Defender SV Gold is ideal for the preservation and preventative maintenance of: Natural stone walkways, public areas, concrete and stone building facades, stone walls and monuments, pool surrounds and patios.

**Natural Look** – will not discolour or alter the natural look of recommended substrates.

**UV Stable** – Ideally suited for both indoor and outdoor use.

**Vapour permeable** – won't trap moisture.

### Recommended applications:

Formulated to provide premium protection to porous construction stone materials such as granite, basalt, sandstone, travertine, concrete, masonry and is ideally suited to the protection of landscape stone and building facades. For applications such as landscape stone paving, pool surrounds, sandstone and block walls, building facades, heritage stone, council footpaths and concrete structures.

## PRODUCT SPECIFICATIONS

**Product code:** AP674

**Safety:** Flammable

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



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### HOW TO USE

Read and understand the SDS before use

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

In a small number of instances, Defender SV Gold can slightly darken the stone. This is more likely if the stone has a moisture content and/or if the Defender SV Gold sealer is left on the stone in excess (shiny wet) for an extended period.

Always pretest using realistic application techniques to ensure that no stone darkening occurs

### Preparation:

- New installations must be fully cured before application of Defender SV Gold (Min 48 hours)
- Existing stone, tile and grout must be totally clean, dry and chemical free.
- Do not apply in direct sunlight. Temperature must be between 10°C and 28°C.
- Highly absorbent surfaces may require two coats.

### Application:

1. Apply 1 to 2 coats of Defender SV 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. When treating vertical surfaces, start application from the bottom, moving upwards to avoid uneven coverage.
2. The surface must be shiny wet with a liquid film for at least 30 seconds. For very porous substrates more sealer may need to be applied.
3. Allow 5 - 10 minutes for the sealer to absorb into the surface. On horizontal surfaces 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.

### Note:

Coverage can vary dramatically depending on the degree of porosity, but is normally 5 to 10 m<sup>2</sup> / Lt per coat for open structure, highly porous substrates. And 10 to 20 m<sup>2</sup> / Lt per coat for dense, less porous substrates.

### Note:

Application on large concrete areas should be based on a preset coverage rate using a dedicated sprayer or painting equipment. No subsequent removal of excess product is required.

### Expected Wear:

Defender SV Gold will provide premium protection for up to 15 years and in many applications, several years longer. However, application methods, weather conditions, traffic, harsh cleaning methods and substrate type will affect wear. Avoid use of solvents, strong acids and strong alkalis for extended sealer life. It is recommended that the sealer be re-applied every 6 - 8 years where harsh conditions exist.

