

## Product Short Description

# Grout Care – Efflorescence Guard

### Premium reinforced concrete and natural stone sealer

Grout Care – Efflorescence Guard provides premium “nano-molecule” protection to fine stone, construction stone, concrete, brick masonry and concrete masonry. It’s extremely small molecular structure enables it to rapidly penetrate into the fine pores of engineered concrete, natural stone, masonry and cementitious 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.

Grout Care – Efflorescence Guard is a water based, clear penetrating, breathable, surface treatment for use on natural stone concrete, brick masonry and concrete masonry. The unique silane treatment penetrates deep into the substrate and chemically bonds with minerals to form a permanently fixed, water repellent molecule.

In addition, high performance flouropolymers, oil repellent additives and super wetting agents resist the ingress of motor oil, transmission fluid, diesel and other automotive fluids. These additives also provide unparalleled protection against food and beverage spills such as wine, beer, soft drinks, food grease and ketchup.

### Benefits

Grout Care – Efflorescence Guard is a unique blend of active high purity silane and flouropolymers. This high purity silane penetrates deeper than traditional water borne silanes due to its unique chemistry. This deeper penetration gives a long lasting, high performance water and chloride barrier. By reducing the quantity of water entering the concrete and being a completely “breathable” system, the concrete retains its integrity which causes it to retain its strength and newness.

The primary function of Grout Care – Efflorescence Guard is to prevent substrate degeneration and allow easier clean-up and reduce staining of the substrate due to the absorption of various contaminants coming into contact with it.

### Recommended applications:

Grout Care – Efflorescence Guard is suited for use on both vertical and horizontal concrete, masonry and stone surfaces to repel water and oil based contaminants from penetrating into the substrate. For use on engineered, reinforced concrete to protect against corrosion due to water, de-icing salts and salt water. Highly resistant to acid rain.

### Expected Wear:

Grout Care – Efflorescence Guard will provide premium protection for up to 15 years.

The protective treatment applied is extremely durable and will survive high pressure washing, commercial cleaning practices and the elements. However, application methods, weather conditions, traffic and harsh cleaning methods will ultimately affect the sealer longevity. For extended sealer life avoid use of solvents, strong acids and strong alkalis. It is recommended that the sealer be re-applied every 5 to 8 years where harsh conditions exist.

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.

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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 Grout Care - Efflorescence Guard (Min 48 hours)
- Existing stone, tile and grout must be totally clean, dry and chemical free.
- Coverage is 5 to 15m<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 coats.

#### Application:

1. Apply 1 to 2 coats of Grout Care - Efflorescence Guard 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 towelling 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 6 - 12 hours before returning area to traffic. Keep dry for 24 hours. Achieves a full cure in 24-48 hours.

#### IMPORTANT BENEFITS:

Grout Care - Efflorescence Guard is exceptionally effective in the treatment of Limestone and Marble. Limestone and Marble are peculiarly difficult stones to protect due to their mineral structure and Grout Care - Efflorescence Guard is one of the only high performance, penetrating sealers that is effective in providing durable protection.

Grout Care - Efflorescence Guard is a water based treatment with extremely low VOC levels making it ideal for green building projects.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

*Note: The figures quoted for pot life and drying/curing times are not definitive. They are dependent on site conditions, such as volume of material mixed, ambient and substrate temperatures, weather and ventilation.*

#### DISCLAIMER

*Since the use and application of this product is beyond our control we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty.*

For additional information, phone our Customer Service Centre on 1800 819 585, or e-mail [helpdesk@aicoatings.com](mailto:helpdesk@aicoatings.com)

Visit our website for more products: [www.aicoatings.com](http://www.aicoatings.com)

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