



"Golden" Shield

Distributed by:

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MADE IN THE USA

PRODUCT DESCRIPTION

DFW Coping Golden Shield is a clear, invisible aqueous resin silicate sealer and penetrating treatment for Concrete, brick, slate, natural stone, stucco and other masonry.

BASIC USE

DFW Coping Golden Shield is a water-borne repellent that significantly reduces water penetration, providing a tough breathing type water barrier beneath and to the surface. DFW Coping Golden Shield helps keep surfaces clean while preserving the natural appearance of the masonry and concrete. DFW Coping Golden Shield conditions surfaces for subsequent applications of paint, stains, coatings, adhesives etc. DFW Coping Golden Shield greatly decreases or retards efflorescence. Its application resists the cracking and spalling of vertical and horizontal surfaces from the impact of successive freeze-thaw cycles. The use of DFW Coping Golden Shield will enhance surface traction (as well as the bonding quality of paints and other topicals). DFW Coping Golden Shield is non-polluting, non-toxic, non-flammable, and user friendly.

BENEFITS

- Significantly reduces water penetration
- Improves traction
- Resists freeze-thaw spall-off
- Abrasion resistant
- Makes ice removal easier
- Impervious to most atmospheric contaminants
- Conditions surface for topicals
- Retards or eliminates efflorescence
- Hydrocarbon resistant
- Can be used under wet conditions, such as beach entries, fountains or rock waterfalls.

PRECAUTIONS

- Spills or spray droplets should be removed immediately because they can etch glass. Remove immediately with water and cloth or brush.
- Do not allow product to freeze prior to application.**
- If product is over-applied it may cause the surface to turn white or discolor. This occurs if:
 1. Material ponds or puddles. (too much product)
 2. Overspray is made over dried coating. Protect adjacent areas from over-spray if designated area cannot be completed in one application.
 3. Materials are applied to a surface that is not completely dry. **A moisture meter must be used prior to application.**

APPLICABLE STANDARDS

DFW Coping Golden Shield meets or exceeds the following standards:

- ASTM C-672 Section 7 - Water absorption
- ASTM C-672 Section 9 – Suction
- ASTM C-67 Section 10 – Efflorescence
- ASTM C-666 - Freeze-thaw resistance
- ASTM C-666 - Salt attack resistance
- AASHTO T259-78 - Chloride ion penetration
- VOC/VOS Compliant

PHYSICAL PROPERTIES

Physical Liquid
Color Clear
Odor Slight
Specific gravity 1.02±
Weight per gallon 3.83kg/8.46lbs
Boiling point 212° F/100 °C
pH 8±
Solvent Water
Flash Point None
Toxicity None
Freeze temperature 32° F/0 °C
Hazardous Vapors None
Environmentally None
Shelf Life Indefinite
Freeze harm Do not allow
Flammability None
VOC/VOS Compliant Yes
Resistant to UV Excellent
Paintable Yes
Waste disposal methods non-hazardous
Equipment cleaning solvent mild soap & water



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APPLICATION PROCEDURE

1. Coverage Rate:

Concrete Pool Coping 200-300 4-7

2. Application **is to be made to a dry surface** with low-pressure spray equipment with tip size of .026 to .072. **DO NOT ATOMIZE** (use pump-up commercial sprayer with fan tip). Larger areas may use an airless sprayer at the lowest pressure and a # 619 spray tip.

3. Holding tip 6"-12"/150-300mm from surface using overlapping spray pattern and fanning motion at the end of each horizontal pass. **Do not second coat.**

4. Entire area being treated is to be applied in a single application. **DO NOT ALLOW DFW Coping Golden Shield to puddle.** If so, disperse with broom immediately to prevent the application from drying and whitening.

5. Precautions should be taken to cover any areas not intended to be sprayed, because dried product is difficult to remove. Should overspray or accidental contact be made, remove product with water and brush or cloth before it dries.

6. Depending on temperature and other weather conditions, DFW Coping Golden Shield will normally dry in 12-24 hours at 70°F/21°C.

7. Do not apply to uncured plaster, concrete, mortar, or stucco. Surfaces **must be dry** before Golden Shield is used.

CLEAN -UP AND SAFETY

- No special clothing, breathing apparatus, goggles or gloves are necessary but in enclosed areas it is advisable to wear a suitable respirator to avoid possible irritation to breathing.
- Attention should be made to watches, spectacles or eyeglasses etc., because DFW Coping Golden Shield once dried is very difficult to remove!
- Clean all equipment using water and mild soap. Never store spray equipment without cleaning and following manufacturer's recommendations for storage between usages.

SHELF LIFE

Shelf life is indefinite provided containers are kept tightly sealed when not in use.

**DO NOT ALLOW FREEZING
PRIOR TO APPLICATION**

PACKAGING

DFW Coping Golden Shield is available in 1 gallon containers ONLY.

MAINTENANCE

Special maintenance of treated area is not required.

TECHNICAL SERVICES

Technical information and assistance may be obtained from your local dealer, or by calling the technical department of:

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LIMITED WARRANTIES

DFW Coping **GOLDEN SHIELD** effectively address problems caused by moisture intrusion when properly applied by Trained Key Applicators. DFW Coping will warrant its products, as stated and provided with each product, to be effective against water intrusion for a warranty period of one-year.

THE FOLLOWING LIMITATIONS APPLY TO THE WARRANTIES:

- ALL PRODUCTS SHALL BE APPLIED BY TRAINED KEY APPLICATORS IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS FOR THE WARRANTY TO BE EFFECTIVE.
- ALL WARRANTY REMEDIES ARE LIMITED TO REFUND OF THE PURCHASE PRICE FOR THE AMOUNT OF PRODUCT COVERING THE AFFECTED AREA
- MECHANICALLY RELATED MOISTURE MIGRATION IS SPECIFICALLY EXCLUDED FROM ANY WARRANTY
- ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO WARRANTIES FOR FITNESS FOR USE OR FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED, EXCLUDED AND WAIVED TO THE FULLEST EXTENT ALLOWED BY LAW.

For all Limited Warranty questions or for warranty service, contact DFW Coping at 972-243-1632 or by email at: dfwcoping@outlook.com