

TeifsSEAL

Acrylic Sealer for Protecting Finishes from Weathering and Efflorescence

- *Helps resist dirt*
- *Reduces porosity of weathered substrates*
- *Available in water-based and solvent-based*



TeifsSEAL (water-based)

• Provides Moisture Barrier •
• Excellent on Interior Floor Applications with Light Foot Traffic •

DESCRIPTION

Water-based TeifsSEAL is a sealer for concrete and masonry. It is a clear acrylic emulsion binder that seals and protects finishes from weathering and efflorescence, bringing out and renewing the color of weathered finishes. Water-based TeifsSEAL goes on as a milky white liquid and dries clear.

USES

Water-based TeifsSEAL is used for sealing and protecting new and old concrete and masonry, bringing out color and protecting it from fading or changing due to weathering and efflorescence. It protects and stops freeze-thaw damage and fills small openings. It provides excellent water-whitening resistance, good exterior durability, superior adhesion, and offers outstanding resistance to staining, dirt pickup, air pollutants, and ultraviolet rays.

ADVANTAGES

- Provides a surface barrier to resist continued attack by acid rain, air pollutants and ultraviolet rays
- Protects against freeze-thaw damages
- Brings out and heightens the natural color of finishes
- Permeable to water vapor
- Reduces porosity and suction of weathered substrate
- Good for horizontal and vertical application

PACKAGING

40 lb. Pails

COVERAGE

Coverage is largely dependent on the texture and porosity of the substrate.

- For sealing new applications: 1200 to 1600 sq. ft./pail.
- For sealing porous materials or older EIFS: 400 to 1000 sq. ft./pail.

APPLICATION PROCEDURE

Job Conditions

Ambient temperature must be above 50 °F (10 °C) and remain so for at least 24 hours for application.

Surface Preparation

Surfaces must be free of dirt, grease, oils and foreign materials. Concrete and stucco surfaces must be fully dried at least 30 days prior to application of water-based TeifsSEAL.

Mixing

Prior to the application process, stir TeifsSEAL thoroughly. Frequent stirring is recommended during the application process.

Application

The recommended method of application is by spray; either with an airless sprayer or a low-pressure, hand pump, garden-type sprayer. Brush, roller or paint pads can be used but are prone to dripping. Starting at the top of the wall, use horizontal strokes and saturate the surface to the point of run-off. Work across a wall section or panel in a continuous pattern, without breaks. Maintain a wet edge throughout, ensuring uniform application without runs or excessive buildup in reveals, special shapes, etc.

A brush roller or cloth can be used to remove excess material.

STORAGE

Water-based TeifsSEAL must be stored in tightly sealed containers, out of direct sunlight, in temperature of at least 10 °C (50 °F).

CAUTIONS AND LIMITATIONS

- Water-based TeifsSEAL is not recommended for underwater application.
- Do not apply to surfaces in direct sunlight or over 95 °F (35 °C).
- Do not apply if inclement weather will prevent complete drying of material. This includes fog, rain, dew, and freezing temperatures.

CURING TIME

Though largely dependent upon the air temperature and relative humidity, water-based TeifsSEAL is usually ready for use in 2 hours. Work should be protected from rain for at least 24 hours.

TECHNICAL PROPERTIES

Appearance	Milky White
Percent Solids	29 +/- 0.5
Film Clarity	Clear
Stain Resistance	Excellent to most stains
Chemical Resistance	Excellent to most acids and alkali
Water Blushing, 48 hours	Slight bluish blush which recovers to clear on drying
Water Blushing, 6 months	Clear when wet with no visual defects.

TeifsSEAL PRIMER & TOPCOAT (solvent-based)

• Provides Vapor Barrier •
• Excellent on Exterior Floor Applications with High Foot Traffic •

DESCRIPTION

Solvent-based TeifsSEAL PRIMER & TeifsSEAL TOPCOAT are quality, clear, non-yellowing, acrylic resins designed to protect bare concrete from wear and other forms of deterioration. Used together they will penetrate and seal concrete surfaces providing a high resistance to abrasion, UV-light, acid and stains while enhancing the beauty of the color and texture. Both are highly recommended for exterior use.

USES

Solvent-based TeifsSEAL PRIMER and TeifsSEAL TOPCOAT are used for decorative concrete overlays, stamped and stenciled concrete, and other concrete flatwork. They can also be used with TeifsPATTERNED STONE and TeifsTUMBLED MARBLE.

ADVANTAGES

- Cures, seals, hardens, and dustproofs in one easy application
- Helps prevent efflorescence
- Intensifies color and texture
- Excellent waterproofing sealer

PACKAGING

Primer (20 % Solid)/1 Gal Pail
Topcoat (30 % Solid)/1 Gal Pail

COVERAGE

Coverage will depend on substrate porosity.

Solvent-Based TeifsSEAL Primer and TeifsSEAL Topcoat:

Sealing new concrete: 200 sq. ft. / Gal (1 Pass)

Sealing aged concrete: 300-400 sq. ft. / Gal (1 Pass)

SURFACE PREPARATION

Surfaces must be structurally sound, clean, dry and free from grease, oil, dirt, or any contaminant that would prevent a good bond.

APPLICATION

Solvent-based TeifsSEAL should not be diluted. Do not pour the sealer directly to surface. If roller is to be used, get a roller pan or a grid to remove excess sealer. Apply Primer to the substrate using airless spray, long nap roller, or lambs wool applicator. Avoid puddling and apply as thin as possible. Allow to dry. After 1-2 hours, apply the Topcoat for maximum protection.

CLEAN - UP

Use toluene or xylene for cleaning tools.

DRYING TIME

- At 70 °F, 50 % RH, 30 minutes
- Can allow light foot traffic after 3-4 hours
- Allow to dry overnight for normal foot traffic
- Maximum hardness: 7 days

CAUTIONS & LIMITATIONS

- Do not use on wood surfaces, areas sensitive to solvent attack or on wet surfaces.
- Contains solvent materials.
- FLAMMABLE: Keep away from heat, sparks and open flame.
- Ventilate area, do not let vapor accumulate.
- Material can be irritating to the eyes and skin.
- Avoid prolonged breathing of vapor.
- In case of contact, wash with soap and water.

TECHNICAL PROPERTIES

Appearance	Water clear
Percent Solids - Primer	20%
- Topcoat	30%
Viscosity	50 cps
Acid and alkali resistance	Good
Wearing Quality	Excellent

Water-Based and Solvent-Based TeifsSEAL

WARRANTY

TEIFS' products come with a written five-year limited material warranty. Contact TEIFS for full details.

Note: Teifs provides a variety of products for building superior walls; applicators must be sure they are using the appropriate Product Bulletin and/or Specification Sheet.



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