



## Vital Coat Shingle Shield Roof Sealer Technical Data Sheet (TDS)

### Description

**Vital Coat Shingle Shield** is a two part Water Based Solution Copolymer. This environmentally friendly polymer bonds quickly to create a durable protective coating that can be applied to many types of roofing materials. Vital-Coat Shingle Shield will provide a water resistant layer that will help extend the life of your shingles. The finished look of Vital-Coat Shingle Shield leaves a clear, beautiful sheen that can be cleaned with detergents and cleaners with no impact to the coating.

### Primary Applications

**Vital Coat Shingle Shield** is an excellent alternative for extending the life of your roof shingles. Especially shingles that are experiencing excessive deterioration.

### Features/Benefits

- \*Helps Extend the Life of the Shingles
- \*Provides a Protective Coating that Resist Water
- \*Mold and Mildew Resistant
- \*Seals Minor Cracks to Help Prevent Leaks\*
- \*Water Resistant Finish
- \*Non Yellowing
- \*Excellent Adhesion
- \*Reduces Granule Loss to Help Increase the Life of the Shingles

### Technical Information

| Property                                 | Result                        |
|--|-------------------------------|
| Solids                                   | 20.00%                        |
| Appearance                               | Clear to translucent solution |
| Odor                                     | Mild                          |
| Application Temperature                  | 50°F - 85°F                   |
| Pot Life after Mixing Part A with Part B | 72 hours                      |
| VOC Content                              | <25g/L                        |
| Dry to Touch                             | 2 hours                       |
| Re-Coat Time                             | 1 to 2 hours                  |

Note\*Higher temperatures will speed up activation time and decrease the pot life of our component products. For every additional 10 degrees in temperature, your coating's pot life will generally decrease by half. The ideal temperature for use is 80°F.

### Packaging

This product is available in 1, and 5 gallon containers. Other quantities available upon request.

### Coverage

The coverage rate will vary depending upon surface porosity and application method use. The typical range is approximately 200 to 300 sq. ft. per gallon per application. Two applications are recommended with approximately 350 to 450 sq. ft. per gallon coverage on second application. Avoid excessive build up.

### Shelf Life

This product has a shelf life of up to one year in its original, sealed, unopened container prior to any activator or catalyst being added. If product appears to be hardened or separated contact Vital Coat before use.

## Directions for Use

**Surface Preparation:** Surfaces must be dry, structurally sound, free of loose or deteriorated shingles, free of mold and mildew, and free of dust, dirt, and all other contaminants. Do not apply if rain is in the forecast within 24 hours.

**Mixing:** Separate the **Vital Coat Activator** (Part B) from **Vital Coat Shingle Shield Sealer** (Part A) and make sure you have all components required. Mix the entire contents of (Part A) into an appropriate size container for mixing. Add entire contents of (Part B) into the mixing container and mix using a spiral mixer of proper size for 5 to 7 minutes or longer if larger quantities until uniform. Let the mixed sealer rest until all foam and bubbles have dissipated (Approximately 25 min.). After resting, use product immediately. If mixing multiple containers, do not mix more than can be placed in 24 hours. Do not add water or mix with any other components not specified.

**Placement:** Prior to placement, always test the product on the surface to be treated in an inconspicuous area to ensure proper adherence and satisfactory appearance. Using an appropriate pump sprayer, medium nap roller or a brush, apply a thin uniform layer of sealer in manageable coverage areas. If using a roller or brush, use slow deliberate movements to prevent any foaming of sealer. Work from bottom to the top of your structure. Sealer goes on with a clear to slight white color but will dry clear. Avoid excessive build up. A second coat is recommended using the same application method. Wait a minimum of 1 hour between coats.

**Curing:** Do not touch treated surface during curing. Do not add water or allow water to come in contact while curing. Protect surface from debris coming in contact with surface while drying. Sealer will be dry to touch within 1 hour and will cure within 24 hours.

## Clean-up

Immediately after use, Clean tools and equipment with soap and water before the material hardens. Dispose of containers in accordance with local and federal regulations.

## Precautions/Limitations

Before handling, consult the Material Safety Data Sheet and Container Labels for physical and health hazard information.

Consult a professional before installing on roof. Always use protective gear and fall prevention methods when on a roof.

It is not recommended to apply Vital Coat Sealers over other types of sealers.

Minimum surface and ambient temperature of 45°F (7°C) and rising at the time of application.

For optimum results, condition material to 65°F to 85°F (18°C to 29°C) at least 24 hours prior to use.

Caution! This product when cured may be slippery when wet.

Never mix with any form of liquid or solvent. Improper thinning may cause sealer to delaminate in a short time frame.

Test in an inconspicuous area prior to use.

Dried or cured sealer may be removed using diamond grinding method or solvent.

Placement of Vital Coat Shingle Shield may void the shingle manufactures warranty. Consult with shingle manufacturer before use.

Vital Coat Shingle Shield is not intended to stop leaks. It will fill minor (small hairline) cracks to help prevent future leaking.

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