

HERITAGE SHELTER COAT

Product Data Sheet

Description and Use

US Heritage Group's Heritage Shelter Coat is a breathable material that is ideal for historic masonry that requires a vapor permeable consolidation and protective coat. Water is the vehicle for the shelter coat; the viscosity is thicker than that of water, causing it to absorb into material in the same fashion as a stain. As the water is absorbed into the substrate and evaporates, the lime and aggregate is deposited on the surface to color and protect. Shelter coat can be applied to any material that is capable of absorbing water, such as brick, stone, plaster, and concrete. This quality prevents it from being applied to materials that have been previously sealed or waterproofed.

Heritage shelter coat is most commonly used as a protective coating to masonry substrates that are in danger of damage or decay if not covered with a consolidation material. By applying a breathable protective coat, the substrate is able to continue its normal function without risking the damaging effects of waterproofing or sealing agents. The shelter coat will act as a sacrificial protective coating that can be built up and reapplied as needed through the life of the building.

Features and Benefits

- Authentic product formulation ensures compatibility with historic masonry units and mortar.
- Standard color selection facilitates quick, convenient installation.
- Custom-matched colors and aggregates produce unbelievable visual accuracy.
- USHG provides unmatched product and project support, for one pail or hundreds, to ensure excellent results for every installation.

Sales, Product and Project Support

US Heritage Group supports, sells and ships all products directly to ensure we consistently deliver the highest quality results possible. Contact USHG for a variety of support services:

- Specifier education
- Project-specific technical advice
- Specification guides and support
- Custom color and aggregate matching
- Installation guides and training

Packaging and Coverage

1-gallon plastic pail (12 lbs.)	100 ft ² for 1 coat
3.5-gallon plastic pail (28 lbs.)	350 ft ² for 1 coat

See USHG **Installer Guide to Products and Services** for unit coverage and cost estimations

Limited Warranty

U.S. Heritage Group, Inc. warrants this product to be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is LIMITED to the replacement of the product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given in writing to U.S. Heritage Group, Inc., 3516 North Kostner Ave., Chicago, IL 60641. THIS LIMITED WARRANTY IS ISSUED AND ACCEPTED IN LIEU OF ALL OTHER EXPRESSED WARRANTIES AND EXPRESSLY EXCLUDES LIABILITY FOR CONSEQUENTIAL DAMAGES.

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Surface Preparation

Successful installation relies on proper surface preparation that involves careful evaluation and cleaning of surface to which the shelter coat will be applied. For additional surface preparation details contact USHG with project-specific issues.

1. Clean surface as needed to remove soiling, efflorescence, coatings, etc.
2. Clean surfaces to remove all dust and debris.
3. Dampen substrate to surface-saturated dry condition
4. Protect installation area from rain, sun, high winds, and extreme hot and cold temperatures before, during and after applying shelter coat.

Mixing Instructions

Heritage Shelter Coat ships pre-blended and pre-mixed but can separate out during transportation and storage. Shelter Coat should be mixed just prior to use, by hand using a mixing stick. Mechanical mixing can be accomplished by paddle drill.

1. Mix material immediately prior to application until it achieves a homogenous consistency.
2. Observe the shelter coat during application and remix it whenever it starts to separate.

Equipment

Heritage Shelter Coat can be applied with a brush or by hand.

1. When applying with a brush, the brush should be a stiff bristle block brush with a rough textured bristle surface. Do not use the brush for paint application, as residual lime may react with paint and cause material failure.
2. When applying by hand, wear protective gloves and avoid prolonged contact with skin. Rinse any parts of body that come in direct contact with the material.

Application

Heritage Shelter Coat should be applied in very thin coats.

Brush Application

1. Apply shelter coat to the surface using short strokes while keeping the brush perpendicular to the wall.
2. Work the shelter coat into any nooks or cracks in the surface with the brush before moving onto the next area.
3. Once the shelter coat is complete, allow 24 hours for curing before applying the next coat.

Hand Application

1. Apply the shelter coat to the surface by spreading it with a protected hand
2. While spreading the shelter coat by hand, try to keep the material thin and even to avoid shrinkage cracking.
3. Once the shelter coat is complete, allow 24 hours for curing before applying the next coat.

Curing

Heritage Shelter Coat should be protected from flash drying during the first 24 hours after application. Direct sunlight and strong winds should be avoided. Fresh shelter coat should be protected from temperatures over 90°F. Once curing is completed, excess shelter coat may chalk off when rubbed or washed. This is normal and should not be a cause of concern unless the rubbing exposes the substrate underneath.

Storage and Shelf life

Save any unused material and return it to the original shipping bucket. Protect from freezing, extreme heat and direct sunlight. This material can be kept indefinitely if damp condition is maintained. Inspect and remix every 3 months adding water as needed. Dispose of containers with any material that has dried.

US Heritage Group

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