



Product Specifications

Metal1-patch

Product Benefits

Metal1-patch is a natural agricultural oil-based patching compound for direct-to-metal applications. Use with Tuffglass Fabric to seal cracks, breaks, leaks and problem areas on all metal surfaces before coating with Metal 1-kote. *Metal1-patch's* **biobased** formula encapsulates rust, and has excellent adhesion and flexibility. Standard color is off-white. Can be painted when dry. Metal-Patch is available in quarts, gallons, 5-gallon pails.

Product Features

Finish: Textured
Color: Off-white

Application

Recommended for:

Galvanized steel, Galvalume, old pre-painted metal, tin, copper, aluminum, carbon steel and aged fiberglass. *Before coating ANY surface, always do a test patch to check for compatibility, adhesion and soundness.*

Tools

Airless spray: Not recommended
Reduction: Do not reduce
Brush: Natural, nylon or polyester bristle
Squeegee: Rubber squeegee

Approximate Coverage Rates Per Gallon

Recommended Spreading Rate: 20 wet mils (total thickness of finished patch should be 40 wet mils)
Coverage: 40 square feet per gallon at 20 wet mils

Coverage rates are given in good faith by TKO Waterproof Coatings and should be used as an estimate only. Actual coverage rates will vary due to the individual nature of each application. Therefore, TKO Waterproof Coatings is not responsible for any variance between estimated and actual coverage rates.

General Application Guidelines

Preparation: Power-wash surface with a water pressure washer up to 3000 psi. Insure that the surface is clean and free of dirt, grease, oil and debris. Remove all mold and algae. Remove all loose coatings. Replace worn or rusted fasteners.

Priming: Some substrates may require priming of the surface with Primer-kote prior to coating. Contact

factory for product specification sheet and more information.

Application: Mix product thoroughly before using. Do not thin. Product warranty is voided if product is altered in any way. Keep lid tightly sealed after opening to prevent skin formation, stir again before each use. If skin forms, remove completely prior to mixing. Apply 20 wet mils to surface. Embed Tuffglass Fabric into *Metal1-patch*. Apply a final topcoat of 20 mils of *Metal1-patch*. (*Metal1-patch should be coated with a finish coat for maximum durability and protection.*) Temperature range for application: 40° F to 100° F for air, surface and material with a maximum humidity of 85%. Keep material at 72° F to 100° F for best spread rate.

Drying time: Initial skin forms in one to two hours; final cure in 30 days in good drying conditions (72° F and 50% humidity). Final dry time will vary based on ambient temperature, weather conditions, relative humidity, application thickness, air movement and precipitation. Avoid all foot traffic until fully cured. *Suitable for occasional/maintenance foot traffic only. Do not use on decks or high traffic areas.*

Clean-up: Clean tools with mineral spirits. Dispose of containers properly.

Technical Information

Mold, algae, bacteria resistance: No growth

Flash point greater than 140° F.

Non-toxic when cured.

VOC compliant, less than 250 grams per liter.

No hazardous disposal requirements. Check with all local, state and federal regulations before disposing.

Shelf life: two years in unopened can. Store at 40° F to 85° F for maximum in-can stability.

Solids contents: 80%.

Weight per gallon: 9.5#

Non-ozone producing. Non-ozone depleting.

Biodegradable.

Cautions

Keep out of reach of children. Combustible - keep away from heat and flame. Contains mineral spirits. Do not smoke when using product. Avoid prolonged exposure with skin and breathing of vapor or spray mist. Do not take internally. Before smoking or eating and after using, cleanse hands thoroughly. Close container tightly after each use. Use only with

adequate ventilation. See the Material Safety Data Sheet (MSDS) for additional safety information.

Warranty

Information is given in good faith, to be used as a guide only and does not assure product suitability for an intended purpose or application. Product is guaranteed to be free of defect. Warranty is limited to replacement of that portion of product proven to be defective. For complete warranty information, contact manufacturer.

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