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# Grit Strip Metal Stair Tread Abrasive Epoxy Repair Kit: Technical Data Sheet

## Product description and application information for Epoxy Kit

### **PRODUCT DESCRIPTION**

The Abrasive Epoxy Kit is composed of a two-component, ambient temperature cure epoxy and an abrasive grit.

1. A tough, abrasive, anti-slip tread filler for repair of damaged stair treads.
2. The Epoxy Kit is designed to fill ~ 45 linear feet of a standard 3.0" wide, ribbed, aluminum nosings/treads.
3. The field-cured product is non-hazardous under normal conditions of use.
4. The product has excellent water, solvent, and chemical resistance.
5. The product has a high content of abrasive grit for long life and lasting beauty.
6. The cured product has excellent Slip Resistance. The Coefficient of Friction meets or exceeds OSHA Standard 1910.22, ADA Coefficient of Friction Guidelines, and ASTM Specifications. Slip Resistance (MIL-PRF-24667C Test Method), Dry → 1.17 and Wet → 1.05
7. Once cured, the product is capable of withstanding temperature from -40 °F to 100 °F. Higher temperatures may cause the product to temporarily soften. However, limited exposure to temperatures above 100° F will not harm the product.

### **STORAGE**

Store the Abrasive Epoxy Kit in an area where the temperature does not exceed 80 °F, nor drop below freezing.

### **SPECIFICATIONS**

Anti-slip filler shall contain not less than 70% abrasive. Once cured, the binder is to be a fully cured, resilient type epoxy. Epoxy binder to filler ratio to be 15% minimum for improved cleanability. When applied, the color shall extend uniformly throughout the filler.

### **SURFACE PREPARATION**

If the metal surface is greasy or oily, clean it with an appropriate degreasing product, such as Simple Green® or American Stair Treads' Floor Prep following instruction sheet for the safe and effective use of the cleaning product.

Be sure to completely empty and clean treads before applying the Epoxy Kit. Partially filled treads can cause the incorporation of inclusions in the final, filled treads, which can cause early failure of stair nosings / treads.

## **SURFACE PREPARATION NOTES:**

**Always allow wet surface to dry thoroughly before installing the Abrasive Epoxy Kit.**

Test the surface for cleanliness before installing the Epoxy Kit. Apply water to the surface to be coated. If the water “beads up”, repeat the cleaning process. If the water smooths out and wets easily, the surface is ready.

## **APPLICATION**

**SURFACE TEMPERATURE:** Be sure that the surface to be coated is above 55 °F before applying. If outside, be sure that rain is not expected for 24 hours, and that the surface temperature will not drop below 40 °F for 24 hours.

The Epoxy Kit is intended for use in conditions that do not regularly reach above 105 °F. Temperatures exceeding this can cause the cured product to soften. If the climate in your area routinely exceeds 105 °F, consult with a sales expert prior to purchasing the Epoxy Kit.

See installation instructions for detailed mixing and application guidelines.

**DENSITY:** Approximately 1.78 g/cm<sup>3</sup>, fully cured.

## **SAFETY**

The Abrasive Epoxy Kit is intended for industrial use only, and the practices of good housekeeping, safety, and cleanliness should be followed before, during, and after use.

**REFER TO SAFETY DATA SHEETS FOR FURTHER INFORMATION.**

## **NOTE**

The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchases will be subject to a separate agreement, which will not incorporate this document.