



TENACIOUS ONE STEP EPOXY FLOORING

Tenacious One Step Epoxy Flooring material manufactured by BIO-DEK™ is a 100% solids, low odor, 3-part epoxy material designed for application where a unique quartz finish and a highly durable system are desired. Tenacious One Step flooring is troweled to produce a seamless surface that can include a cove base which makes it ideal for both wet and dry spaces. This near zero VOC material is available in several colors and is specifically formulated to have ample working time to allow for application on marine vessels.

Certification

Mil Spec - MIL-PRF 32584 - Type V, Classes 1 & 2, Grade A, Composition E - Part of Tenacious 1-step Epoxy Flooring System

VOC	0 g/l as formulated. Additives may contain unreported trace amounts of VOC
Mix Ratio (by weight)	partA:partB:partC - 4.375:1:26
Pot life/Working time	50 minutes @ 70 °F
Color	See color brochure
Thinning	None required
Specific Gravity (mixed)	1.2
Shelf life	2 years when stored in original, unopened container and not exposed to excessive heat or cold
Coverage	20 sf per kit @ .25 inches

Storage/Application Environment

Materials need to be kept in original packaging and stored within 50°-90° F. The same temperature range needs to be held during application. Keep 5° above dew point during application. Note that temperature will greatly affect the pot life and cure times of this material.

Packaging and Ordering Information

Weight per kit:

31.375 lbs. (14.2Kg)

Tenacious One Step Epoxy Flooring Part A contains:

4.375 lbs (2.0kg) or .44 gallons of product in a premeasured 1 Gallon (3.8L) can

Tenacious One Step Epoxy Flooring Part B contains:

1.0 lbs (.45kg) or .12 gallons of product in a premeasured 1 Quart (.96L) can

Tenacious One Step Epoxy Flooring Part C contains:

26 lbs (11.8kg) or 3.125 gallons of product in a premeasured 5 gallon metal pail



Surface Preparation

Proper inspection and preparation of the surface to receive Tenacious One Step Epoxy flooring material is critical. Surface must be clean, dry and free of any rust or loose contaminants. Since Tenacious One Step Epoxy flooring is designed to be applied over BIO-DEK™ Grip Coat, the PDS for this material should be referenced prior to application of this decorative covering.

Application

Tenacious One Step Epoxy Flooring material is designed to be applied to properly prepared surfaces, including steel, aluminum, sealed underlayment and properly cured primers. BIO-DEK™ Grip Coat should be applied at a minimum thickness of 3-4 mils (mixing and application instructions available on the PDS for this material). Once Grip coat is applied, Tenacious One Step material can be mixed as follows: Pour the quart of tenacious one step epoxy flooring part B into part A and mix with a mechanical using a Jiffy blade attachment. Add the mixed liquid to the aggregate or Part C and blend to a consistent, homogeneous mixture. One Step Epoxy Flooring can be trowel applied to a smooth, decorative finish. The complete and cured matrix gets its final system properties when top-coated with BIO-DEK™ water clear sealer (mixing and application instructions available on the PDS for this material). If matrix is very porous, BIO-DEK™ grout sealer can be applied first

Cleanup/Safety

Use in well ventilated area. Mixing and application equipment should be cleaned immediately with toluene, xylene or denatured alcohol. Fire and health precautions should be observed when handling solvents. Always refer to current SDS Sheets before use.

Warranty

This product is sold without warranty and no implied warranty is to be raised from circumstances accompanying sale or use thereof. Results obtained by the use of BIO-DEK™ compounds and their hardeners depend on workmanship and conditions under which we have no control. Therefore the only guarantee that is given by us is to replace such goods that are defective in manufacture, or give credit at our option. Under no circumstance are we responsible for any damages beyond the price of material, and no charge for labor, expense, or consequential damages will be allowed. If materials prove to be defective, the measure of damages is the price of the defective material. Our salesman or representatives have no authority to extend any guarantees beyond that outlined above. Product is asbestos free and non-toxic.