

Description

Bio-Flex Deco System created by BIO-DEK™ is a highly Bio-Infused 100% solids, durable flooring system that provides a large range of color combinations. This system is designed to meet ANSI 118.10, IMO/SOLAS and US Navy flooring standards of performance making it ideal for both wet and dry spaces in all vessels. This multi-step system is easy to apply and is designed to maximize performance and minimize environmental impact.

Application

The Bio-Flex Deco System is designed to be applied to properly prepared surfaces, including Steel, Aluminum, underlayment and properly cured primers. The full system consists of the following steps:

1. Properly prepare the substrate as described above
 2. BIO-DEK™ Bio-Flex material in designated color is first applied directly to the substrate. A spiked roller or notched trowel/squeegee will help control thickness and allow larger bubbles to release prior to cure. Application can be from feather edge to 2 inches thick
 3. Once BIO-DEK™ Bio-Flex material is cured, Bio-Dek water Clear Sealer can be applied and flake can be broadcast directly into the wet sealer
 4. After step 2 is cured a light abrasion and a second encapsulating coat of BIO-DEK™ Water Clear Sealer can seal the flake
 5. If additional slip resistance is required an additional clear coat can be added with non-slip aggregate.
- Mixing and application of material above are all outlined in the individual product technical data sheets.

Boomer Gray

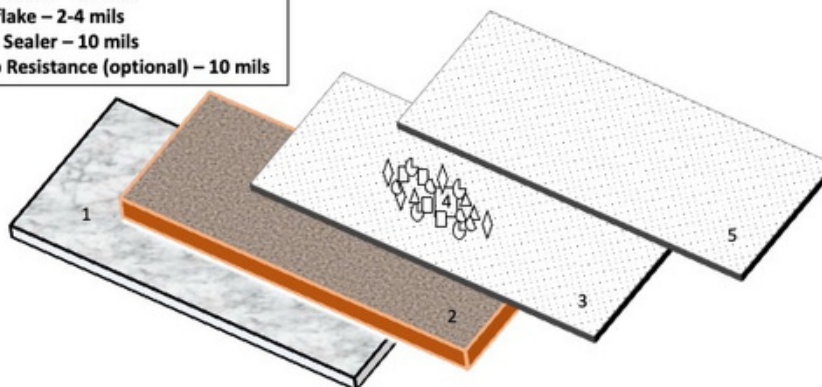


Liberty Blue



Bio-Dek Bio-Flex Deco System

1. Substrate
2. Bio-Flex 3-part material 1mil.-2"
3. Water Clear Sealer – 10 mils
4. Decorative flake – 2-4 mils
5. Water Clear Sealer – 10 mils
6. Sealer + Slip Resistance (optional) – 10 mils



Contact BIO-DEK™ for any additional application information

Certifications

Mil Specifications submitted to:

MIL-PRF 32584 - Type V, Classes 1 & 2, Grade A, Composition E

IMO/SOLAS - 2010 FTP code parts 2 and 5 annex 1

ANSI 118.10 Water proof membrane

Surface Preparation

Proper inspection and preparation of surfaces that receive Tenacious One Step Epoxy Flooring by BIO-DEK™ is critical. All surfaces must be clean, dry and free of any liquid or loose contaminants. Make sure that all recoat windows and temperature and dewpoint requirements are met prior to application of each step.

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 & Ordering Information

Weight per kit:

Materials packaging vary in each step. Refer to individual TDS for information

Cleaning & 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 safety data 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.

Contact BIO-DEK for any additional application information