

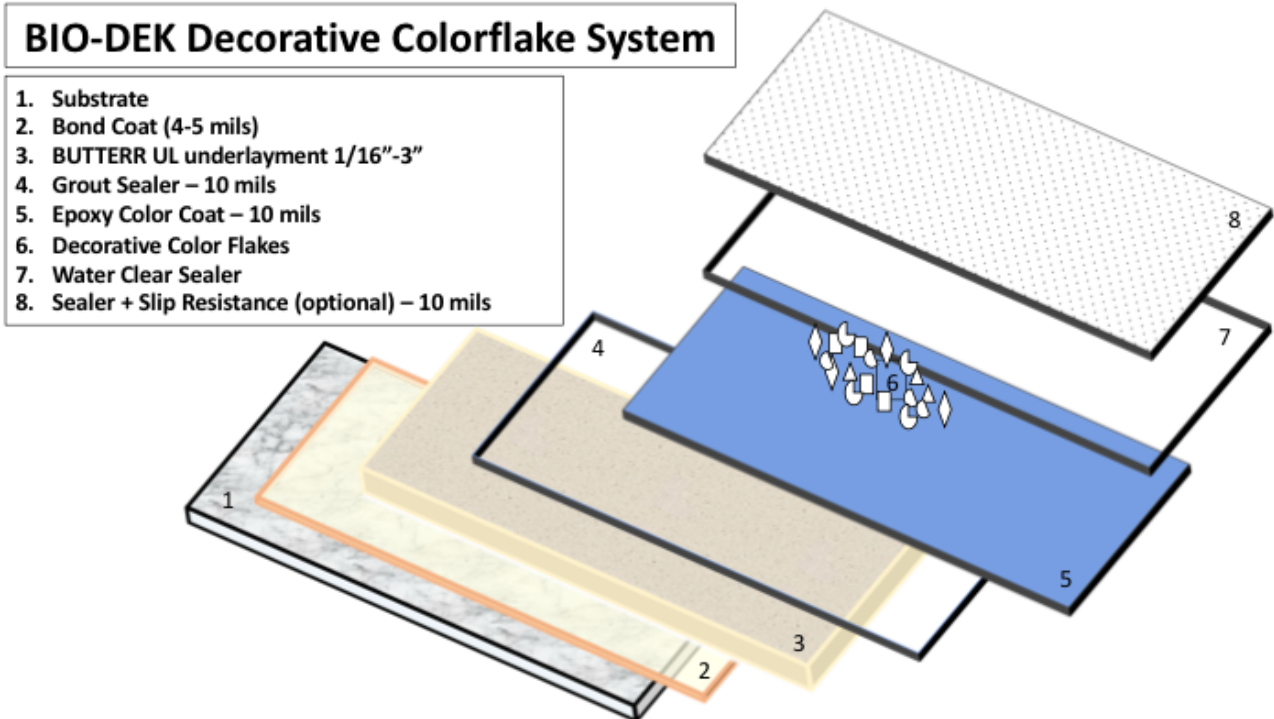
## Description

BIO-DEK™ Decorative Color Flake System is a 100% solids, low odor system that provides a vast array of color combinations which make up a seamless, durable floor. This system is designed to meet IMO/SOLAS and US Navy flooring standards of performance making it ideal for both wet and dry spaces. This multi-step system is easy to apply and is designed to maximize performance and minimize environmental impact.

## Applications

The BIO-DEK™ Decorative Color Flake System is designed to be applied to properly prepared surfaces, including Steel, Aluminum, sealed underlayment and properly cured primers. The full system consists of the following steps:

1. BIO-DEK™ Bond Coat is applied at a minimum thickness of 3-4 mils.
  2. Once Bond Coat is applied, BIO-DEK™ "BUTTERR™" Ultra Lightweight Underlayment can be applied to level the floor. Thickness of application can range from feather edge to 2.5" in a single troweled application.
  3. BIO-DEK™ Grout Sealer can be applied after step 2 is cured enough to walk on. Timing on this step is dependent on temperature and can be referenced in the TDS and F-718 for the "BUTTERR™" material
  4. BIO-DEK™ Epoxy Color Coat is applied next once material from step 3 is cured enough to re-coat. Refer to the re-coat times on the TDS from material in step 3
  5. A colored flake is added next. Polymer colorflakes from Torginol are recommended. This material can be cast in the wet color coat in step 4 or into a clear coat in step 6
  6. BIO-DEK™ Water Clear Sealer is applied to protect and encapsulate the flake from step 5. If color flake is applied here, a second and final clear coat is recommended.
  7. If a more slip resistant finish is desired an additional clear coat with aggregate can be added at this point
- Mixing and application of material above are all outlined in the individual product technical data sheets.



Contact BIO-DEK™ for any additional application information

## Certifications

Mil Spec - MIL-PRF 32584 - Type V, Classes 1 & 2, Grade A, Composition E  
IMO - Certified to Parts 2 & 5 of IMO FTP Code - USCG Certs#164.106/65/0 & #164.117/65/0

## Surface Preparation

Proper inspection and preparation of surfaces that receive BIO-DEK™ Epoxy flooring material 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.

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