



COVER-CLAD® TI SYSTEM



**Description**

Cover-Clad® is a specifically formulated heavy duty trowel applied epoxy mortar system for vertical and flat surfaces that provides excellent abrasion, wear and chemical resistance. Cover-Clad® is available with a gloss finish.

**Uses**

Ideal for use in demanding environments such as manufacturing industries, food industry, paper industry, automotive and engineering. Also ideal for processing areas, maintenance and high traffic areas.

**Benefits:**

- Colorful floor finish
- Easy to clean and maintain
- Excellent wear and impact resistance
- Seamless, hygienic finish
- Abrasion resistant
- High chemical resistance
- 100% Solids, low odor

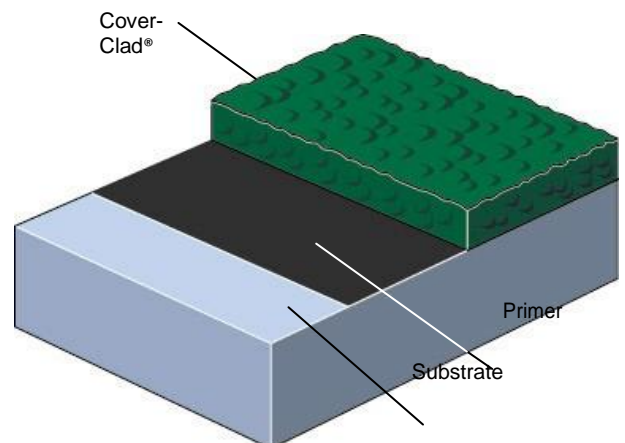
**Project References:**

Kraft Foods, Nestle-Gerber,

**Standard color chart (Topcoats)**



**System Design**



**Mortar is available in Natural, Red, and Gray**

Also available in White (with the addition of a polyurethane topcoat)

The applied colors may differ slightly from the examples shown above. Contact our customer services for a true color sample or a special color match. Additional colors are available upon request

## Model Specification

Product: Cover-Clad®  
Finish: Gloss  
Thickness: 200-250 mil

Preparatory work and application in accordance with suppliers instructions.

Supplier: U.S. Flooring Company, Inc.  
Telephone: 1-417-625-1512

## Installation Service

The installation should be carried out by a Cover-Clad® preferred contractor with a documented quality assurance scheme.

## Products Included in this System

Primer: Cover-Clad® TI @ 175-225- sq ft /gal

Mortar \*: Cover-Clad® Mortar (pigmented @ 120 sq ft/mix @ 3/16"

Grout: Cover-Clad® Grout (with color pack) @ 175 sq ft/gal

Sealer: Cover-Clad SF41 @ 120 sq ft/gal

\* Mortar consists of 3 gal of liquids, 200 lbs of filler, and 2 pigment packs

Detailed application instructions are available upon request

\*\* Coverages listed are theoretical, actual coverage may vary based on substrate and site variations

A larger mix can be made using 3 gal of liquids 200lbs of filler and 2 pigment packs.

Optional matt sealer available (additional coat), please consult our Technical Advisors.

Detailed application instructions are available upon request.

## Substrate Requirements

Concrete or screed substrate should be a minimum of 3,625 psi, free from laitance, dust and other contamination. The substrate should be dry to ASTM requirements and free from excessive moisture vapor transmission.

## Environmental considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by U.S. Flooring company.

## Technical Information

<b>Compressive Strength</b> (ASTM C-579)	10,500 psi
<b>Tensile Strength</b> (ASTM C-307)	1,600 psi
<b>Flexural Strength</b> (ASTM C-580)	4,200 psi
<b>Flexural Modulus of Elasticity</b> (ASTM D-790)	2.01 x 10 <sup>6</sup> psi
<b>Hardness, D Shore</b> (ASTM D-2240)	85
<b>Bond Strength</b> (ASTM D-4541)	> 350 psi
<b>Impact Resistance</b> (ASTM D-4226)	>160 in/lbs
<b>Abrasion Resistance</b> (ASTM D-4060)	0.3 gm
<b>Slip Resistance Index</b> (ASTMF-1679)	0.85
<b>Thermal Coefficient of Linear Expansion</b> (ASTM D-696)	3.45 x 10 <sup>-5</sup> in/in/°F
<b>Water Absorption</b> (ASTM C-413)	0.24%
<b>Heat Resistance Limitation</b>	
<b>Continuous Exposure</b>	140°F
<b>Intermittent Spills</b>	200°F

## Aftercare - Cleaning and Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

## Important Note - Warranty

U.S. Flooring Company's Cover-Clad® products are guaranteed against defective materials and manufacture and are subject to our standard Warranty and Terms of Sale, copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before using products.

## Further Information

To ensure you are specifying a fit for purpose flooring system for your project please consult our Technical Advisors on the number below or visit our website to register your interest in specifying one of the most durable floors on the market.

**Disclaimer:** Any recommendation or suggestion relating to the use or distribution of the products by U.S. Flooring Company Inc. whether in its technical literature, or in response to a specific enquiry, or otherwise is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.

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