

#### 1. PRODUCT DESCRIPTION

##### A. COMPOSITION

Cove Base Gel is a two-component material consisting of a proprietary 2-part sag resistant thixotropic epoxy gel, which is designed to be mixed with a separate engineered or decorative aggregate.

Cove Base Gel is designed as a resin binder for vertical mortar applications. When mixed with selected aggregates, it's thixotropic viscosity produces a mortar compound suitable to install cove bases, wainscots and other vertical applications. It is applied over compatible primer that is applied over concrete or metal. (Consult Crossfield for detailed specification for other forms or types of substrates or surfaces).

Cove Base Gel mortars can be finished with compatible grouts and topcoats or can be left unsealed as installed. Available finish top coat materials include, Quik-Glaze, Posi-Tred O, Posi-Tred L, Posi-Tred CR, Aero-Flor or Decor Flor.

##### B. TYPICAL USES

Cove bases, wainscots and other vertical mortar applications.

##### C. ADVANTAGES AND LIMITATIONS

###### ADVANTAGES:

1. Sag resistant, ideal for vertical surface applications
2. Resists many chemicals (See Chemical Resistance Chart).
3. Void-free cove bases, wainscots, etc.
4. Installed only by Professional Factory-Trained Dex-O-Tex Contractors.

###### LIMITATIONS:

1. If sub-surface cracks, Dex-O-Tex Cove Base Gel mortar can reflect cracks.
2. A waterproofing and crack isolation membrane can be installed prior to system application.
3. Moisture vapor emission rates (MVER) in excess of 3 lbs/1000 sq/ft/per 24 hr period per ASTM F1869, or an RH in excess of 75% per ASTM F2170 may result in delamination, discoloration or improper curing without proper treatment prior to installation of the flooring system. Consult with Crossfield Products Corp. for specific recommendations.
4. Vapor control primers, crack repair or isolation, waterproof membranes or other supplementary items may be required for proper installation at an additional cost. Consult with Crossfield Products Corp. for specific recommendations.

#### 2. TYPICAL PHYSICAL PROPERTIES at 75°F (24°C)

- A. Compressive Strength** ASTM D695 ..... 12,000 psi  
(Resin & Hardener) ..... (907 kg/cm<sup>2</sup>)
- B. Tensile Strength** ASTM D638 ..... 4,400 psi  
(Resin & Hardener) ..... (310 kg/cm<sup>2</sup>)
- C. Surface Hardness** ASTM D2240 Shore D ..... 80-85
- D Adhesion** ASTM D4541 ..... > 400 psi  
(100% failure in concrete) (28.1 kg/cm)
- E. Water Absorption**  
MIL-D-3134 ..... < 1.0%

##### F. Abrasion Resistance

ASTM D4060 (CS17, 1000gr load, 1000 cycles) ..... 0.09 gr

##### G. Flammability

ASTM D635 ..... Self-Extinguishing  
Bonded to Concrete

##### H. Chemical Resistant

..... (see Chemical Resistance Chart)

#### 3. OVERVIEW OF INSTALLATION STEPS

- A. Prepare surface by careful and thorough removal of all laitance, grease, concrete curing agents and foreign matter.
- B. Pre-Prime: Apply epoxy primer or a thin coat of Cove Base resin base to concrete surfaces. Allow to "tack" on vertical surfaces. Seed vertical surfaces with aggregate to assist when hanging cove.
- C. Mix Cove Base Gel kit with Dex-O-Tex selected aggregate system:
- D. Apply with rectangular or margin trowel.
- E. Finish trowel with cove trowel..
- F. Apply optional grout and topcoats.

#### 4. PRODUCT AVAILABILITY

Crossfield Products Corp. maintains offices and/or factories at all addresses listed below. Factory Trained Contractors are established in all major trading areas in the United States, Canada, Mexico and various European, Latin American and Far East nations.

#### 5. SPECIFICATION ASSISTANCE

Consult Crossfield Products Corp. for specification assistance, detailing, etc. This consultation is highly recommended prior to specifications.

#### 6. CHEMICAL RESISTANCE

See Crossfield Products Corp's. Chemical Resistance Guidelines for chemical resistance of a product or system, as well as the types of test performed:

- ASTM C868 Standard Test Method for Chemical Resistance of Protective Lining.
- ASTM C267 Standard Test Method for Chemical Resistance of Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes.
- ASTM D1308 Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes.
- Crossfield Products Corp. Proprietary Testing.

Note: Chemical resistance is a functional test, usually limited to changes in weight or thickness measured in loss or gain and does not evaluate subject aesthetic issues. To determine aesthetic issues, Crossfield recommends testing the products or system in accordance with intended end use.

#### 7. TESTING

The technical data contained herein is the result of tests made in Crossfield's laboratories or in independent laboratories using small scale equipment, following generally accepted trade practices. Although this information is believed to be true and accurate, the use of different equipment for testing under dissimilar conditions or the testing of samples produced under dissimilar conditions may develop substantially different results.

# Product Description Sheet

## Cove Base Gel

### Sag Resistant Thixotropic Cove-Base Gel

#### LIMITED WARRANTY

NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN CROSSFIELD PRODUCTS CORP. INVOICES ARE MET.

Crossfield Products Corp. warrants to the purchaser of its products that such products are free from manufacturing defect. Crossfield does not warrant or guarantee the workmanship performed by any person or firm installing its products. Crossfield's obligation under this warranty is limited solely to the original purchaser and solely to the remedy of replacement in kind of any product which Crossfield sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and which Crossfield's examination shall disclose to Crossfield's satisfaction to be thus defective.

IN NO EVENT SHALL CROSSFIELD PRODUCTS CORP. BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS EXPRESSLY GIVEN IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE AND ALL OTHER OBLIGATIONS OR LIABILITIES ON CROSSFIELD'S PART, AND WE NEITHER ASSUME NOR AUTHORIZE ANY PERSON OR PERSONS TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH SALE OF A CROSSFIELD PRODUCT. THIS WARRANTY SHALL NOT APPLY TO ANY OF CROSSFIELD'S PRODUCTS, WHICH HAVE BEEN SUBJECT TO ADULTERATION, ALTERATION ABUSE OR MISUSE. CROSSFIELD PRODUCTS CORP. MAKES NO WARRANTY WHATSOEVER IN RESPECT TO ACCESSORIES, PARTS OR MATERIAL NOT SUPPLIED BY CROSSFIELD PRODUCTS CORP., WHICH ARE USED IN CONNECTION WITH ITS PRODUCTS. THE TERM "ORIGINAL PURCHASER" IN THIS WARRANTY MEANS THAT PERSON, CORPORATION OR ENTITY TO WHOM CROSSFIELD PRODUCTS CORP. SOLD ITS PRODUCTS. ANY ACTION TO ENFORCE ANY WARRANTY OR FOR BREACH OF CONTRACT OR ARISING OUT OF ANY CLAIM AGAINST CROSSFIELD PRODUCTS CORP. SHALL BE COMMENCED AND MAINTAINED ONLY IN A COURT OF COMPETENT JURISDICTION IN THE CONTINENTAL UNITED STATES OF AMERICA. THE PURCHASER ACCEPTS THESE TERMS AND CONDITIONS, AND HEREBY EXPRESSLY WAIVES ANY CLAIM TO ADDITIONAL DAMAGES.

CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



#### DEX-O-TEX PRODUCT LINE

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