

# FACADESXi

## Xi-FLEXx COATING

### DESCRIPTION AND USAGE

100% Acrylic Elastomeric Coating with superior elongation and crack bridging properties. Factory mixed and come in a variety of standard and custom colors. May be applied to portland cement plaster, brick, cmu, masonry, painted or other surfaces with the approval of FACADESXi. Available in standard colors and custom colors.

### PACKAGING / COVERAGE

#### 5 Gallon Pail

2 coats at 12-14 wet mils per coat are required for weather protection and crack bridging properties. 2 coats: 280 - 330 ft<sup>2</sup> (26-30.1 m<sup>2</sup>) per pail.

Coverages are approximate and will vary depending on application methods and environmental/surface conditions.

### FEATURES / BENEFITS

- 100% Acrylic polymer, water based.
- Low VOC
- Bridges Hairline cracks
- High Elongation
- Vapor Permeable
- Dirt Pick Up Resistant

### SHELF LIFE

12 months - stored off the ground, unopened, protected from moisture, extreme heat 90°F (32°C), and direct sunlight.

### FOR USE WITH ALL FACADESXi SYSTEMS

#### ACCEPTABLE SUBSTRATES

- Stucco
- CMU
- Concrete
- EIFS
- Brick
- Other substrates per FACADESXi

### SURFACE PREPARATION / JOB CONDITION

- Temperature must be 40°F (4°C), at time of installation and for 24 hours after installation. Substrates must be above 40°F (4°C), unpainted and clear of dirt, dust, chalk, mildew, algae, foreign materials, etc.
- Painted/loose/damaged substrates must have the loose paint removed and damage repaired.
- Form-release agents, dirt, efflorescence frost, and any bond breakers must be removed prior to application.
- Glazed or Glossy Surfaces: Dull glossy or glazed surfaces by sanding, wire-brushing or other means to ensure adequate adhesion.
- Painted/ Coated Surfaces: The adhesion of existing coatings must be checked before application of Xi-Flexx Coating. If the coating is not securely adhered, it must be removed. Pressure clean to remove all chalk, dirt, dust, laitance, previous coatings with poor adhesion to the substrate, foreign materials, etc. Allow surface to dry thoroughly (minimum 24 hours). Reseal all terminations that required waterproofing.
- Cracks over 1/32" must be repaired with the appropriate repair methods and allowed to cure a per the manufactures instructions prior to the application of the Xi-Flexx Coating.

New Stucco: Stucco must be cured 7 days and Xi-Alkali Resistant Primer required or moist cured, dry and primed with Xi-FastPrime to achieve a pH of less than 10.

New Concrete / CMU: new concrete surfaces or masonry work must wait a minimum of 28 days before the product is applied.

New, tilt up, and poured in place Concrete: Must be cured 28 days. Smooth concrete and precast should be tested for adhesion before application and cleaned if necessary.

CMU: Fill with a block filler or a skim coat of Xi-Base Coat For surface preparation questions or further information, contact the FACADESXi Technical team.



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## Xi-FLEXX COATING

### MIXING

1. Thoroughly mix with a rust-free, clean paddle until the entire product is consistent throughout the pail. Avoid air bubbles while mixing.
2. A small amount of water can be added for workability. When using multiple pails, use the same amount of water in each one (up to 10 oz.)
  - Keep the container closed when not in use.
  - Do not Overwater

### CAUTIONS / LIMITATIONS

- Use only on surfaces that are sound, dry, clean and free from any residue that may affect the ability of the FACADESXi products to bond.
- Cold or humid weather will extend drying time.
- Application in direct sunlight will reduce open time significantly.
- Use clean materials and tools to prevent contamination of the material.
- Not for use below grade, horizontally, or in immersion.
- Not for direct use over wood substrates.
- Do not over water the mix.
- In no way is FACADESXi responsible for color variations or color correctness after the product has been applied or for application on substrates out of accordance with the manufacturers, building code, association standards or guidelines.
- Wear protective eye-wear and clothing.

### CLEAN UP

Clean tools and equipment with water immediately after use. Dried material can only be removed mechanically.

### APPLICATION

All Applications must result in a minimum of 12 dry mills to obtain a waterproof coating.

#### BRUSH APPLICATION

Cut these areas in before the wall application, only in areas that cannot be reached with a sprayer or roller.

#### SPRAY APPLICATION

1. Use an airless spray or mastic pump sprayer with a gun that allows application at required application rate.
2. Equipment should have the capacity to pump a minimum of 2 gallons of coating per minute.
3. Cross apply coating holding the spray gun two to three feet from the surface and avoid excessive buildup.
4. Back rolling may be necessary and is always recommended to avoid pin holing, 5. Always maintain a wet edge.

#### ROLLER APPLICATION

1. Use a minimum 10 in. wide roller with a 1.5 in. (38.1 mm) nap or other roller as approved by mockup installation.
2. Always use a completely saturated roller. Over-rolling will create air bubbles within the coating.
3. Porous substrates may require 2 or more coats to provide a pin free coating, allow coats to dry between applications.
  - Avoid overlapping new Xi-Flexx Coating over previously dried areas as this will result in a lack of color uniformity.
  - A sample/mockup should be submitted and approved using the same tools, methods and products that will be used on the project.
  - Protect from rain, freezing, until cured at least 1- 4 hours, longer in cold or humid climates before application of coating.
  - Under normal humidity and temperatures, drying time ranges from 1- 4 hours. Drying time may exceed this range with high humidity and cold temperatures.
  - Clean tools and equipment with water immediately after use. Dried material can only be removed mechanically.



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## WARNINGS

Use of this product can expose you to Crystalline Silica, a chemical that has been known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information: <https://P65Warnings.ca.gov>

## INHALATION

This product is considered an irritant if proper precautions aren't followed. Use a NIOSH approved respirator mask and adequate ventilation when using the product. Avoid overexposure. Open windows and doors to confined areas during the application and drying process. Ensure fresh airflow is available. Leave the area of application immediately if you experience watery eyes, dizziness, or a headache.

## SKIN CONTACT

Do not get product in your eyes or on your skin. Wash hands thoroughly after use.

## EYE CONTACT

Rinse eyes thoroughly with water for several minutes. Remove contact lenses then continue to rinse.

## DO NOT TAKE INTERNALLY

Immediately contact the Poison Control Center if swallowed. Store product in its original container sealed tightly after use.

## EXPOSURE TO LEAD

Scraping sand or old paint chips may result in toxic lead exposure. Contact the National Lead Information Hotline at 1-800-424-LEAD or head over to <https://epa.gov/lead> for more information.

## PLEASE NOTE

The most current Safety Data Sheet and Product Data Sheet can be found on our website for more information on product handling.

## TESTING

TESTING	TEST METHOD	TEST CRITERIA	TEST RESULTS
Elongation at Break	ASTM D412	No Requirement	430%
Flexibility	ASTM D522	No Requirement	1/8" @ -30°F
Water-Vapor Transmission	ASTM E96	Permeable	Pass
Surface Burning (individual components)	ASTM E84	Individual components shall each have a flame spread of 25 or less, and smoke developed of 450 or less	Flame Spread: 0 to 15 Smoke Developed: 0 to 15

## SAFETY

KEEP OUT OF REACH OF CHILDREN.  
FOR PROFESSIONAL USE ONLY.  
DO NOT ALLOW PRODUCT TO FREEZE.  
VOC < 10 grams per liter.

The instructions for use and application and warnings have been prepared in good faith based on the information available at the time of publication.

All instructions are intended to provide product users with the proper guidelines for use and application under normal working and environmental conditions. Because each project and user is different, FACADESXi cannot be held responsible for any consequences of variations in conditions or for unforeseen conditions when using this product.

For the most up to date information go to [www.facadesxi.com](http://www.facadesxi.com)

