# U-STUCCO™
GREEN BUILDING MATERIALS



**U-STUCCO™ ADX** MULTI-PURPOSE WATER-RESISTANT THINSET / ADHESIVE

ASTM INTERNATIONAL Standards Worldwide
CALIDAD CERTIFICADA ISO 9001:2008 CERTIFIED QUALITY
CE certified
U.S. GREEN BUILDING COUNCIL MEMBER
ENGINEERED IN USA

# /// U-STUCCO™ ADX

MULTI-PURPOSE WATER-RESISTANT HIGH PERFORMANCE THINSET / ADHESIVE

## PRODUCT DESCRIPTION

U-STUCCO™ ADX is a white, premium grade, water-resistant high performance thinset/ adhesive with exceptional workability. Suited for both interior and exterior substrates and can be used on commercial and residential applications. U-STUCCO™ ADX creates a continuous water-resistant layering with outstanding adhesion and reduces crack transmission in tile and stone floors. It can also bond directly to clean metal drains, PVC, stainless steel and ABS drain assemblies.

## BENEFITS

- Easy to use and can be applied by trowel
- Reduces curing time with quick-dry formula
- Isolates cracks to 1/8" (3 mm)
- Suitable for waterproofing pools, spas and water features

## APPLICATION AREAS

- EPS, XPS (EIFS) and ICF
- Natural stone and mosaic tile
- Ceramic tile and resilient flooring
- Concrete, cement mortar, masonry, AAC block & brick
- Cement backer board
- Exterior Plywood and OSB (interior, dry areas only)
- Exterior Decks
- Lightweight Concrete
- Fiber cement and magnesium oxide board
- Gypsum-Based cement topping
- Floor heating systems

## APPLICATION METHODS

Apply by hand trowel

## APPLICATION TEMPERATURE

Ambient and surface temperature must be between +40°F ***(+5°C)*** and +95°F ***(+35°C)***. Try avoiding application under extreme wind, cold or direct sunlight conditions or when temperatures may fall outside this range within 24 hours of application. Provide supplemental heat and protection from precipitation as needed.

## SURFACE PREPARATION

The application surface must be structurally sound, clean, free of dust, mold, dirt, silicones and paint products which may affect the ability of U-STUCCO™ ADX to bond to the surface. Major cracks, holes or voids should be repaired prior to application. For application to very dense or smooth concrete and additional surface preparation options, contact U-STUCCO™ USA Technical Support.

## MIXING

Pour U-STUCCO™ ADX 55 lb ***(25 kg)*** bag into a mixing container, followed by 2.6 gallons ***(10 lt)*** of cool, clean potable water ***(let hose run to clear it of hot water)*** and mix for approximately 6 to 8 minutes. For the mixing process, a hand mixer must be used. Mixing should be done mechanically at a high speed until the mixture reaches a homogenous consistency and workability.

Mix same size batches using the same amount of water, to ensure consistency. Briefly re-mix before using ***(approximately 1 minute)***.

## APPLICATION

Thoroughly dampen concrete and masonry substrate if necessary before applying U-STUCCO™ ADX. Apply by hand trowel to a minimum thickness of approximately 1/16" ***(1.5 mm)*** Always allow U-STUCCO™ ADX to dry thoroughly ***(min. 3 hours)*** before applying grout (joint fillers)

***Read the entire label before using this product. All materials are to be installed in compliance with local building code requirements and U-STUCCO™ USA's specifications.***

## APPLICATION THICKNESS

The minimum thickness over any substrate is 1/16" inch ***(1.5 mm)***. Some assemblies may require specific minimum thickness.
If needed U-STUCCO™ ADX can be applied up to 1 inch ***(25 mm)*** thickness with a single pass.

## CURING

Curing time may vary due to ambient temperature, surface temperature, surface porosity, application methods, and thickness of material. All freshly applied material must be protected by an approved protective system from inclement weather until fully dry.

## WORKING TIME

Sets in 30 to 45 minutes at 85°F ***(30°C) (working time may vary depending on temperature, humidity and substrate conditions)DX***

## COVERAGE

Approximate Coverage, depending on the condition of substrate and the thickness of application is based on uniform thickness and zero waste factor. ***55 lb (25 kg) bag of U-STUCCO™ ADX will cover approximately;***

| Imperial | Thickness | Coverage |
|---|---|---|
| ADX 55 LB | 1/16 inch | 270 sq ft |
| | 1/8 inch | 135 sq ft |

| Metric | Thickness | Coverage |
|---|---|---|
| ADX 25 KG | 1.50 mm | 25.00 sq mt |
| | 3.00 mm | 12.50 sq mt |

Coverage may vary due to ambient temperature, surface temperature, surface porosity, mixing methods, application methods, amount of water and wall type. Coverage must be verified in the field using the same procedures and conditions that will be present at the project.

## PACKAGING, STORAGE & SHELF LIFE

Available in 55 lb ***(25 kg)*** net weight in a multi-layer moisture resistant bag. Store off ground and protect from rain and moisture. Storage space temperature should be no lower than +40°F ***(+5°C)***
U-STUCCO™ ADX comes with 12 months shelf life when stored in a dry place in the original, unopened packaging. Do not store on concrete floors. High levels of humidity will reduce the shelf life of the product.

## HEALTH AND SAFETY

It may be irritant to eyes and skin when exposed. Wear appropriate dust, skin and eye protection. In case of eye contact, flush immediately with water and consult a physician. Wash hands with soap and water after use. Keep out of reach of children. For more information on handling this product refer to its material safety data sheet ***(SDS)***. The most current SDS can be found on **www.ustucco.com**

## QUALITY MANAGEMENT

U-STUCCO™ Green Building Materials are produced under ISO 9001:2008 quality standards. The product quality is monitored according to the EN 998-1 by U-STUCCO™ USA, LLC in the factory laboratories.

## LIMITED WARRANTY

U-STUCCO™ ADX is warranted to perform in accordance with the product specification when used pursuant to the application instructions. This warranty is limited to and shall not exceed the total amount paid by the buyer for the product here under. In no event U-STUCCO™ USA, LLC shall be liable for any loss of profits, special or consequential damages in respect to any claim. The foregoing warranties are in lieu of all other warranties express or implied including those concerning suitability for a particular use.

This product data sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about the guidelines for the proper use and application of the covered product(s) under normal environmental and working conditions. Because each project is different, U-STUCCO™ USA, LLC cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

## IMPORTANT NOTICE TO USER

This information is designed to guide you and has been conscientiously compiled according to the latest state of our technology. U-STUCCO™ USA assumes no liability, expressed or implied, in connection with the use of the product because of the great variety of applications and working conditions.

**U-STUCCO™ USA, LLC**

13488 Maxella Ave #630 Marina Del Rey
California 90292 - United States of America

**Technical Support** +1 (424) 542 5353
info@ustucco.com **www.ustucco.com**