



## IMPERIAL STUCCO MIX - BC (BASE COAT)

### TECHNICAL DATA & APPLICATION INSTRUCTION

#### PRODUCT DESCRIPTION

Kingdom Products' **Imperial Stucco Mix** is an engineered, one component, polymer modified stucco system formulated to provide a long lasting, durable and water resistant finish. **Imperial Stucco Mix-BC (Base Coat)** is a fiber reinforced material intended for application of the scratch coat and brown coat. *For finish coat use **Imperial Stucco Mix-Finish Coat**.* **Imperial Stucco Mix-BC** can be used over a traditional wire lath system or applied directly to clean, structurally sound concrete substrate in conjunction with Kingdom Products' SuperBond Polymer/Primer. **Imperial Stucco Mix-BC** can also be used as a vertical patching material on foundations, concrete and block walls. \*NOTE: **Imperial Stucco Mix-BC** is not intended to be used as a wear surface or for controlling slab on grade moisture issues. **Imperial Stucco Mix-BC** is intended for vertical use only.

#### BENEFITS/FEATURES

- Water Resistant
- One Component
- Excellent Vertical Cling
- Polymer modified
- Easy to apply
- Exterior Use
- Available in Gray & White
- Use as a patching material under finish coat
- Consistent Quality

#### RECOMMENDED APPLICATIONS

- Porous Stone
- Exterior Foundations
- Chimneys
- Gunit
- Exterior Walls
- Most porous, **vertical** concrete and masonry surfaces
- Residential Buildings
- Concrete and cinder block walls
- Commercial Buildings

#### TECHNICAL INFORMATION

Working Time.....	20-30 min	Concrete Adhesion.....	Excellent
Initial Set.....	30min	Freeze-Thaw Resistance.....	Excellent
Final Set.....	60 min	Wet Appearance.....	White/Natural Gray
Recoat Time.....	1-4 hours	Dry Appearance.....	White/Natural Gray
Application Temperature.....	50°F- 85°F		

*\*\*Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.*

#### APPROXIMATE COVERAGE RATES

Varies by thickness - On average each 50 lb bag will cover approximately:

- Scratch coat - 20-25 sq ft @ 1/4"
- Brown Coat - 24 sq ft @ 1/4"
- use **Imperial Stucco Mix - Finish Coat - (FC)**

#### STORAGE & SHELF LIFE

Do not subject *Kingdom Products' Imperial Stucco Mix-BC* to moisture prior to use. Keep product in a cool dry location, free from direct sunlight in a tightly sealed container. Avoid storing directly on top of a concrete slab. Place a barrier between the bags and the concrete floor (i.e. plastic, pallet, etc). Transfer any leftover material to a plastic pail with a gasketed lid. Keep product in a cool dry location. In cold climates, store the product at room temperatures and bring product to a temperature range of 60 degrees to 80° prior to use. Colder material may take longer to achieve final set time, while hot material may set very quickly. Shelf life is one year from the date of manufacture provided unopened product is stored under the proper conditions, free of moisture, direct sunlight, excessive heat and freezing temperatures. To extend shelf life, transfer any leftover material to a plastic pail with a gasketed lid.

## PACKAGING

## IMPERIAL STUCCO MIX - BC (BASE COAT)

**Imperial Stucco Mix-BC** is stocked and sold in 50 lb bags (48 per pallet) and is available in White & Gray

## SURFACE PREPARATION

To ensure excellent performance the surface must be clean and free of dirt, efflorescence, paint, previous coatings, mold and mildew or any substance that may prevent proper adhesion. Repair any holes, cracks or open joints with *Kingdom Products' Fast Feather*. After completing repairs & cleaning the surface, install wire lath. **Imperial Stucco Mix-BC** can also be applied over structurally sound concrete or concrete block walls or foundations in conjunction with *Kingdom Products' SuperBond Polymer/Primer* before applying scratch coat.

## MIXING

Use (1) ONE gallon of clean potable water for every 50lbs of material. In a clean mixing vessel add the **Imperial Stucco Mix-BC** powder into the mix water. Mix to a consistency that meets the conditions of the jobsite. The desired consistency should be creamy with lots of vertical cling. Mix that is too dry will not stick well to the substrate and mix that is too wet, may slump off the wall.

## APPLICATION

**Scratch Coat:** Apply **Imperial Stucco Mix-BC** from about 1/4"-3/8" thick, making sure that the material maintains contact with the substrate and wire lath. Use a scratch tool to scratch horizontal lines, to create a rough or textured surface to help form the mechanical bond in between scratch & brown coats. Let dry completely before applying brown coat.

**Brown Coat:** Dampen scratch coat with water before applying brown coat. Apply brown coat with a hawk & trowel at approximately 1/4"-3/8". Once the brown coat reaches it's initial set use a Green Sponge Float, Steel Trowel or Wood Float to smooth out the surface. Let **Imperial Stucco Mix-BC** dry then apply *Kingdom Products' Imperial Stucco Mix-FC* for final finish.

**NOTE:** If added adhesion is needed, apply *Kingdom Products' Universal Primer Activator* in between coats.

## PRECAUTIONS AND LIMITATIONS

- Vertical Use ONLY - NOT to be used as a wear surface.
- **Imperial Stucco Mix-BC** needs a properly prepared substrate. Do not apply over dust or pollen.
- DO NOT OVERWATER this product during application.
- Avoid using in temperatures below 40 degrees or above 90 degrees.
- Protect from freezing for 48 hrs after application.

## SPECIAL NOTES

Please consult Safety Data Sheet (SDS) and read Warranty information prior to use. FOR PROFESSIONAL USE ONLY!

