



## IMPERIAL WATERPROOFER

### BRUSHABLE WATERPROOFING COATING FOR CONCRETE & MASONRY TECHNICAL DATA & APPLICATION INSTRUCTION

#### PRODUCT DESCRIPTION

Kingdom Products' **Imperial Waterproofer** is a high-performance, cement based, waterproofing coating for vertical concrete and masonry surfaces. **Imperial Waterproofer** can be used interior or exterior and above grade or below grade. **Imperial Waterproofer** will form a cementitious, waterproof barrier to seal out dampness and water seepage. **Imperial Waterproofer** is resistant to lower levels of hydrostatic pressure and will prevent radon gas and moisture vapor intrusion. Use on foundations, retaining walls, concrete and cinder block walls. **Imperial Waterproofer** is commonly used as a damp proof course between standard block walls and brick or as a waterproof foundation barrier prior to back filling. **\*\* Caution- This product is not to be used as a wear surface and is not to be used for controlling slab on grade moisture issues. For Vertical or Overhead Use Only.**

#### BENEFITS/FEATURES

- Waterproofer
- Interior or Exterior
- Above or Below Grade
- Vertical & Overhead
- Polymer modified
- Fills pores and voids
- Can be pigmented
- Resistant to mold & mildew
- Tenacious bond to existing substrate locks out water

#### RECOMMENDED APPLICATIONS

- Exterior Foundations
- Basement Walls
- Guniting
- Stucco and Brick
- Porous Stone
- Damp Proof Course
- Concrete & cinder block walls
- Most porous, **vertical** concrete & masonry surfaces

#### TECHNICAL INFORMATION

Working Time.....	15-20 min	Concrete Adhesion.....	Excellent
Initial Set.....	30 min	Freeze-Thaw Resistance.....	Excellent
Final Set.....	60 min	Wet Appearance.....	White/Natural Gray
Recoat Time.....	10-12 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:

- Base coat - 225-250sqft @ 1/16"
- Top Coat - 425-450sqft @ 1/32"

#### STORAGE & SHELF LIFE

Do not subject *Kingdom Products' Imperial Waterproofer* 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.

**Imperial Waterproofer** is stocked and sold in 50 lb bags (48 per pallet) and is available in Natural Gray and White.

## SURFACE PREPARATION

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To ensure excellent performance the surface must be clean and free of dirt, efflorescence, paint, previous coatings, mold and mildew and any substance that may prevent proper adhesion. Repair any holes, cracks or open joints with *Kingdom Products Fast Feather*. **Imperial Waterproofer** can be applied to a saturated surface dry (SSD) substrate, meaning moist with no standing water, however, to ensure a tenacious bond with the substrate, prime the repair area or substrate with *Kingdom Products' Superbond Polymer Primer*. Allow the *Superbond* to only partially dry from a white milky substance to a clear tacky fluid then apply the **Imperial Waterproofer** without delay. If more than 6 hours has passed since the application of the *Superbond*, re-priming will be necessary.

## MIXING

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Dampen the interior of the mixing vessel, removing any excess water. Using 1.5 to 1.7 gallons of clean potable water for every 50lbs of material, add your mix water to the vessel and then add the **Imperial Waterproofer** powder to your mix water. Mix to a milkshake-like consistency. Allow to dwell for 5 minutes and then re-temper. Use mixed material within 40 minutes. If you are pigmenting the material, blend the pigment with your mix water before adding in the powder.

## APPLICATION

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**Imperial Waterproofer** should be applied in **two to three coats** for best waterproofing performance. Thoroughly dampen the properly prepared and repaired surface. Apply the mixed material with a Tampico fiber brush from top to bottom, working the material into the pores of the substrate to create an optimal seal and bond. Once an area has been coated and thoroughly worked in to the substrate, go back over the area with the brush to smooth it out. For a smoother finish, use a squeegee trowel. Allow the material to dry for 10-12 hours. Lightly dampen the surface and begin applying the second coat. Apply the second coat the same as the first and finish as desired. **Imperial Waterproofer** may be swirled or textured for a more decorative finish.

## PRECAUTIONS AND LIMITATIONS

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- **Vertical Use Only** - NOT to be used as a wear surface.
- A minimum two coat application is recommended to achieve the best waterproofing performance.
- **Imperial Waterproofer** needs a properly prepared substrate. Do not apply over dust or pollen.
- Do not over water this product during application.
- Allow *Superbond* primer to tack up, but not dry completely prior to application.
- Avoid using in temperatures below 40 degrees or above 90 degrees.
- Protect repaired area from freezing for 48 hrs after application.

## SPECIAL NOTES

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Please consult Safety Data Sheet (SDS) and Technical Data Sheets (TDS) and read Warranty information prior to use. **FOR PROFESSIONAL USE ONLY!** Always install a test area or job site mock up for owner approval of acceptable color, texture, finish adhesion and any other critical requirements prior to proceeding with the installation. Verify that the most current versions of the Technical Data Sheets (TDS) and installation guidelines are being utilized.

