



QUICK DRYING



NO MIXING



IMPROVED EXTRA FLEX



LOW VOC

# UNDERTILE WATERPROOFING

## Single Component Coating

- Showers, bathrooms, laundries, balconies
- Long-term flexibility, excellent adhesion
- Ready to use, low VOC

### DESCRIPTION

UNDERTILE WATERPROOFING is a tough, ready to use waterproofing membrane specifically designed to use under tiles. UNDERTILE WATERPROOFING is totally resistant to re-emulsification once cured and not affected by temperature extremes.

UNDERTILE WATERPROOFING is flexible, safe to use, low in odor, and is fully compatible with polymer modified tile adhesives.

### FEATURES & BENEFITS

- Single component and ready to use on site
- Water-based, environmentally and user friendly with very low odor
- Will not cause stains to subsequent materials laid onto it
- Form a seamless homogenous waterproof barrier with no laps or joints
- Fast Drying – able to recoat in 1 hour
- Compatible with quality tile adhesives
- Maintain consistent flexibility with no premature embrittlement in its service life

### ACCEPTABLE SUBSTRATES

After appropriate surface preparation, UNDERTILE WATERPROOFING can be applied on concrete, metal and wood surfaces, fibre-cement sheets and plaster boards.

### TYPICAL APPLICATIONS

Wet areas that will be tiled or otherwise protected from regular foot traffic in residential, commercial and industrial environment.

For vertical and horizontal applications.

### LIMITATIONS

UNDERTILE WATERPROOFING should not be used

in trafficable areas. Other ABA products are more suitable for this application. Do not apply UNDERTILE WATERPROOFING, if the surface temperature is below 10°C or above 35°C. Do not apply, if rain is imminent.

### SURFACE PREPARATION

The surface to be coated should be clean, dry, sound and free from oil, grease, form release agents or bond-breakers and other contaminants. All areas of loose or flaking paint must be removed to a firmly bonded substrate. Concrete surface pores must be open to enable good adhesion.

**CONCRETE:** New Concrete should be at least 28 days old or sealed with one coat of Damp-Proof Membrane at 3m<sup>2</sup> per litre and left to cure overnight. Old concrete that are damp or wet will require at least 24 hours of thorough drying.

**RENDER & SCREEDS:** New renders & screed should be cure for at least 7 days or seal with one coat of Damp-Proof Membrane at 3m<sup>2</sup> per litre and left to cure overnight. Old wet renders & screed should be thoroughly dry for at least 24 hours.

**FIBRE CEMENT, PLASTERBOARD (wet area grade):** Remove dust from the board. Apply ABA Multipurpose Primer and Additive with brush, long nap roller or conventional spray evenly at the recommended coverage rates if the surface is porous. Allow a drying time of at least 1 hour.

**CRACKS AND VOIDS:** UNDERTILE WATERPROOFING can be applied directly over hairline cracks. All other cracks should be treated with a neutral cure silicone. Other deep surface imperfections should be repaired using ABA concrete repair mortar and allowed to cure for 7 days before applying the membrane. Refer to ABA for advice regarding areas of concrete spalling, irregular surfaces resulting from peeled paint should be smoothed using ARDEX concrete repair system.

### PRIMING

Highly porous surfaces may require priming using MULTIPURPOSE PRIMER AND ADDITIVE. Allow primer to be dry before applying the membrane (min. 30 minutes).

### APPLICATION

Apply with roller, brush or spray in 2 or more thin coats till desired thickness is achieved. Ensure that the coating is applied evenly at the recommended dry thickness.

Recommend minimum DFT is 500 - 800 microns after 2 coats. For WFT apply 500 microns +/- 100 microns per coat. Recoating interval is approx. 45 minutes from last coat. For final coat, allow UNDERTILE WATERPROOFING to cure for at least 4 hours before screeds or render can be laid.



## COVERAGE

Coverage: 1 x 5L unit of UNDERTILE WATERPROOFING will cover approximately 5-7m<sup>2</sup> for 2 coats.

## TECHNICAL DATA

Colour	Grey / Charcoal Black
Composition	Blend of synthetic elastomers
Tensile Strength	> 1.2 N/mm <sup>2</sup>
Elongation at break	> 150%
Adhesion to substrate	> 0.2 N/mm <sup>2</sup>
Set to touch	approx. 30 - 45 minutes per application layer (at DFT microns on dry substrate)

## PACKAGING

UNDERTILE WATERPROOFING is available in 5L pails.

## STORAGE & SHELF LIFE

UNDERTILE WATERPROOFING has a shelf life of 12 months if kept in a dry and well-ventilated store in the original unopened containers.

## CLEAN-UP

Clean all equipment with water prior to the product drying. Dispose of containers in compliance with all relevant local authorities, state and federal laws and regulations.

## SAFETY PRECAUTIONS

UNDERTILE WATERPROOFING is a non-dangerous, non-hazardous good.

Avoid eye and skin contact. If eye contact occurs, flush with water for 15 minutes and call physician. Wash skin thoroughly with soap and water. Do not take internally. If swallowed, do not induce vomiting. Call physician immediately. Keep container closed.

During the installation process, adequate ventilation of the work area should be maintained without causing the entry of contaminants to other parts of building.

For further safety data, consult the latest Material Safety

Datasheet available upon request and online at [www.aba-sea.com](http://www.aba-sea.com).

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