

## TECHNICAL DATA SHEET

### **BLOCKOUT FLEXICRETE**

#### *Flexible Waterproofer for Toilet and Bath*

#### PRODUCT DESCRIPTION:

**BLOCKOUT FLEXICRETE** is a two-component, flexible cementitious waterproofing membrane. It consists of a selected cement blend with well-graded fillers and synthetic resin.

**BLOCKOUT FLEXICRETE** can be applied onto damp substrates by brush, roller, or spray. It is capable of bridging hairline cracks.

#### CUSTOMER BENEFITS:

- Flexible, durable and weather-resistant
- Excellent adhesion to most substrates
- Excellent waterproofing qualities – able to withstand high hydrostatic pressure
- Breathable membrane – permeable to water vapor and yet impermeable to water
- Bridge hairline cracks
- Non-toxic – suitable for use in waterproofing of potable water tanks
- Can be applied onto damp surfaces

#### RECOMMENDED FOR:

- Reservoirs, sumps, concrete gutters, planter boxes, potable water tanks, culverts, canals, water retaining structures, etc.
- Elevated swimming pools and features
- Kitchen and toilets
- Domes and concrete structures
- Roof deck and balconies
- Firewalls
- Canopies

#### INSTRUCTIONS FOR USE

##### **SURFACE PREPARATION**

The substrates must be clean and sound, free of dust and loose particles. Cement laitance, oil, and grease, mold release agents must be removed from concrete surfaces by wire brushing, scabbling, or by other means. Dampen the substrates prior to application.

Seal the corner joints using **LEAK PLUG** or corner tapes.

#### **MIXING**

Prepare the slurry by pouring Part A (liquid) into a clean container. Add Part B (powder) slowly into the container while mixing with a slow-speed mechanical mixer until homogeneous and lump-free. Allow the mix to stand for 5 minutes and re-stir manually before use.

#### **APPLICATION**

For horizontal and vertical surfaces, a roller and/or paint brush may be used to apply the slurry. Care must be taken to ensure that air is not entrapped in the membrane.

Apply the first coat and work generously to fill all the pores and honeycombs. Allow the membrane to dry for approximately 2 to 3 hours before application of the second coat. The second coat must be applied in a crosswise manner to ensure an even coverage. Allow a minimum curing time interval of 15 to 72 hours before laying the screed or performing a ponding test. Should the ponding test exceed 4 hours, a minimum curing time interval of 72 hours is recommended.

Concrete topping is recommended for exposed areas subject to regular traffic. Apply a thin film of **HARDCRETE FIX** bonding agent before applying the concrete topping.

#### TECHNICAL DATA

Pot life at 30°C	Approximately 1 hour
Tack free time	Approximately 2 hours depending on temperature and humidity

#### COVERAGE

Recommended coverage:

18 kg pail set : 10.28 m<sup>2</sup> for 2 coats at 0.5mm thickness

5 kg pail set : 2.85 m<sup>2</sup> for 2 coats at 0.5mm thickness

**Note:** *The coverage rates provided above are for guidance purposes only. Actual usage may vary depending on the specific substrate conditions and application methods.*

#### PACKAGING

**BLOCKOUT FLEXICRETE** is available in an 18 kg set and 5 kg set in a pail.

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**STORAGE AND HANDLING**

**BLOCKOUT FLEXICRETE** has a shelf life of 15 months if maintained in dry storage conditions in unopened containers.

**PRECAUTIONS**

**HEALTH AND SAFETY**

**BLOCKOUT FLEXICRETE** should be treated with care. Protective gloves and goggles should be worn during application. Any splashes on the skin or eyes should be washed off with clean water.

**BLOCKOUT FLEXICRETE** is non-flammable.

Refer to the latest Safety Data Sheet (SDS) for comprehensive safety information on the proper handling of this product.

**WARRANTY AND DISCLAIMERS**

*The information provided in this technical data sheet is based on our best knowledge and testing methods. Any product use outside of specifications or improper storage or installation voids any warranty. Users are encouraged to conduct their own testing to assess product suitability. Always consult the product's safety data sheet (SDS) for safety guidelines and follow recommended precautions. We reserve the right to update this data sheet without notice, and users should ensure they have the latest information.*