

TECHNICAL DATA SHEET

BLOCKOUT TW

Indoor Epoxy Tile Waterproofer Clear

PRODUCT DESCRIPTION:

BLOCKOUT TW is a two-component epoxy system designed as a waterproofer for ceramic tiles. Once cured, it exhibits durable, tough, shock or impact-resistant qualities. It is also water and chemical-resistant.

TYPICAL USES:

- Waterproofing coating for ceramic tiles
- As non-skid coating, just add aggregates
- As a primer for colored tile coating

INSTRUCTION FOR USE

SURFACE PREPARATION

Clean the tiles and the grout lines with products that can remove soap scum, grease, and accumulated dirt. Lightly sand the surface of the tile with 120-grit sandpaper to help the coating bond with the glaze. Agitate the surface of the tiles with a scrub brush and rinse well with clean water. Dry the tiles thoroughly and ensure there is no remaining dirt.

MIXING

Stir individual components before mixing. Mix 2 parts by weight of Part A and 1 Part B. Blend well until uniform color is obtained.

For non-skid flooring, add the inert fillers or aggregates into the mixture and blend well before application. The quantity of aggregates to be added will depend on the adhesive strength and workability desired.

Note: *Keep the mixture away from direct sunlight or sources of heat to avoid premature curing. Keep the ambient temperature at 10-30°C during mixing and application.*

APPLICATION

Apply 2 coats of **BLOCKOUT TW** with a roller or brush. While you do have the option of simply rolling **BLOCKOUT TW** right onto the tiles and grout joints together, the best tile paint jobs separate the tile and grout for a realistic look. To get results that look natural, plan on painting each one of the tiles separately. Cut in the edges of each tile with an angled paintbrush, moving from the outer edge toward the center of each tile.

Finish off each tile by rolling on a coat of paint across the middle of each tile. Allow the coating to dry thoroughly, then apply a second coat for durability.

Note: *Yellowing may occur when applied outdoors.*

PHYSICAL PROPERTIES:

UNCURED STATE

Parameters		Results
Color:	Part A	Yellowish clear
	Part B	Amber
Specific Gravity:		
	Part A	1.16 g/mL
	Part B	1.01 g/mL
% Solids	(by volume)	100%
	(by weight)	100%
Pot Life at 27°C		30 – 45 mins

CURED STATE

Parameters	Results	Method
Tensile strength	14,000±2000 psi	ASTM D638
Compressive strength	11,000±2000 psi	ASTM D695
Shrinkage	Negligible	
Tack Free Time	3-4 hours	
Water Absorption	0 %	

PACKAGING

BLOCKOUT TW is available in 3.8 kg/gallon set

COVERAGE

Recommended coverage:

34.5 m²/gallon at 0.10mm thickness

17.3 m²/gallon at 0.20mm 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.*

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STORAGE AND HANDLING

BLOCKOUT TW has a minimum shelf life of 36 months if maintained in dry storage conditions in unopened bags.

PRECAUTIONS

HEALTH AND SAFETY

Avoid prolonged or repeated skin contact. In case of skin contact, wash thoroughly with soap and water. If contact with eyes occurs, flush thoroughly with clean water and seek medical attention immediately.

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.