

TANK/10

WATERPROOFING COMPOUND

FAST DRYING ANTI-FRACTURE MEMBRANE FOR WATERPROOFING SHOWERS AND WET ROOMS

A ready-to-use liquid paste latex waterproofing and anti-fracture membrane formulated for use under commercial and residential tile and stone. For interior and exterior applications. Apply with a brush, 1/2" nap roller, or 3/16" x 1/4" V-notch trowel. Tank/10 provides a continuous moisture barrier and, due to its elastomeric properties, reduces the risk of cracks transferring from substrate materials to hard surface flooring.

50% MORE
SHELF LIFE

DEFEAT
MOLD & MILDEW

APPROVED SUBSTRATES

Tank/10 is suitable for use on the following substrates:

- Cementitious backer board (CBU)
- Concrete (not suitable for sealed concrete)
- Gypcrete (lightweight concrete)
- Existing ceramic tile and stone
- Block or brick masonry
- Interior and exterior plywood
- Mortar beds
- Gypsum wallboard (interior applications only)
- OSB (interior applications only)
- Plaster (interior applications only)
- PVC and stainless steel

AREAS OF USE

- Showers
- Wet rooms
- Steam showers
- Swimming pools
- Shower pan liner
- Hot tubs and spas
- Tub surrounds
- Water features
- Terraces and balconies

SHELF LIFE

Three years in unopened, unused, factory sealed, original container when stored in a dry area with temperatures between 40° and 110°. Tank/10 will remain stable through two freeze-thaw cycles. Blend material with mixing paddle after thawing — do not add water.

COVERAGE: WATERPROOFING MEMBRANE

50–60 sq. ft. per gallon for waterproofing (two coat applications).

COVERAGE: 3/8" ANTIFRACTURE MEMBRANE

100–120 sq. ft. per gallon as anti-fracture membrane only (one coat application).

SURFACE PREPARATION

Surfaces must be structurally sound, clean, dry, and free of contaminants. Use an appropriate solvent to remove silicone, oil, and other contaminants. Remove dust and debris with a damp sponge and wipe dry with a cloth. Substrates must be dry when applying waterproofing. Fill voids with latex caulk (do not use silicone) or thinset mortar. Apply Tank/10 when surface temperature of the substrate is between 34° and 105°. Before coating smooth surfaces, scarify with 100 grit sandpaper.

GENERAL INSTRUCTIONS

Tank/10 forms a seamless waterproof membrane that protects shower floors and walls from moisture penetration.

1. Surfaces must be dry and completely free of contaminants when applying Tank/10.
2. Embed reinforcement tape over each floor and wall joint, proceeding one joint at a time. Brush compound over a joint in a path about 2" wider than the tape. Apply compound to one side of tape and lay it on the joint. Gently press tape into compound using a brush or wide putty knife—remove any debris or air pockets. Brush compound over top of tape.
3. Apply two full coats of Tank/10 over all surfaces. Use a brush, roller, or trowel to spread compound uniformly with continuous, overlapping strokes (if using a trowel, spread compound with notched edge, then knock down ridges with the flat edge). Allow first coat to fully dry, then apply a second coat using strokes that cross the first coat at 90°.
4. Perform a water test on the shower per local code requirement after allowing final coat of compound to dry at least 12 hours. Waterproofing compound must be fully dry before installing tile.

ARC
inc.



09 30 00 – Ceramic Tile



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APPLICATION

Follow applicable ANSI and TCNA installation specifications.

DRY TIME

Approximately 1–2 hours, depending on temperature, humidity, and air flow. Tile or stone may be applied after Tank/10 achieves a noticeably darker shade of gray and feels dry to the touch. Allow membrane to cure for a minimum of 12 hours before conducting water tests.

TILE ADHESION

Install tile or stone with a latex-modified thinset mortar (ANSI 118.4).

CLEAN UP

Use warm water and soap while waterproofing compound is still wet.

LIMITED WARRANTY

Manufacturer warrants that Tank/10 shall be free from defects in the material when properly applied for a period of ten years from original installation date. Material safety data sheet available on request.

LIMITATIONS

Do not apply Tank/10 over concrete with moisture content levels exceeding 8 lbs./1000 or where surfaces are subject to hydrostatic pressure.

- Do not use as adhesive
- Do not use as a wear surface
- Do not use to bridge existing expansion joints
- Follow TCNA guidelines for wood substrate deflection criteria

ANSI A118.10 / A118.12 TEST RESULTS

	TEST	REQUIREMENTS	RESULTS
ANSI 118.10	4.1 Fungus & micro-organism resistance	Shall not support mold growth	PASSES
ANSI 118.10	4.2 Seam strength	16 lbs/2" width	28lbs/2" width
ANSI 118.10	4.3 Breaking strength	Min. 170 psi	458 psi
ANSI 118.10	4.5 Waterproofness	No moisture penetration/ 48hr	PASSES
ANSI 118.10	5.3 7 Day shear strength	Min. 50 psi	262 psi
ANSI 118.10	5.4 7 Day water immersion shear strength	Min. 50 psi	186 psi
ANSI 118.10	6.4 Permeance rating	.5 or less	.061
ANSI 118.12	5.1.6 Accelerated aging shear strength Shear strength @ 0.125 in. deflection	>50 psi High performance 20 psi	375 psi 272 psi
ANSI 118.12	5.2 Point load test	>1000 lbf	1115 lbf
ANSI 118.12	5.3 Robinson floor test	14 cycles	extra heavy rating