

AQUAFIN® JOINT SEALING TAPE-2000

For static construction joints and static cracks in concrete water structures

CSI Div. 07

07 16 13 Polymer-modified Cement Waterproofing

LEED Points

IEQ Credit 4.2, Low-Emitting Materials Paints and Coatings...1 Point

Using this AQUAFIN product can help contribute to LEED certification of projects in the category shown above.

Product Description:

JOINT SEALING TAPE-2000 is an elastomeric, highly tear resistant, waterproofing tape which prevents the passage of moisture and water through static construction joints and static cracks in concrete.

Typical Applications (positive side only):

- Static construction joints in concrete:
 - Below grade foundations
 - WTP (water treatment plants) and WWTP (waste water treatment plants)
 - Water tanks (2K/M stand alone only)
- Static cracks in concrete:
 - Below-grade foundations
 - WTP (water treatment plants) and WWTP (waste water treatment plants)
 - Water tanks, underneath tiles

Advantages:

- NSF/ANSI 61 potable water approved (when used with AQUAFIN-2K/M)
- Quick and easy installation
- Waterproof



Substrate Preparation:

Refer to 2K/M Technical Data Sheet.

Product Application:

JOINT SEALING TAPE-2000 is bonded to concrete with AQUAFIN-2K/M flexible cementitious waterproofing material.

Refer to the AQUAFIN-2K/M Technical Data Sheet for mixing and application instructions.

Apply first (base) coat of AQUAFIN-2K/M, extending a minimum of 3/4" (20mm) beyond either side of tape. Immediately embed JOINT SEALING TAPE-2000 into the first coat uniformly, leaving no wrinkles, using a trowel or similar tool. To connect tapes, after installing the first tape, overlap a second tape a minimum of 4" (100mm) using AQUAFIN-2K/M.

Allow 3 to 4 hours to cure. Then, cover the JOINT SEALING TAPE-2000 with a second coat of AQUAFIN-2K/M and smooth the surface with a damp brush.

Technical Data:

Product:	JOINT SEALING TAPE 2000
Material:	membrane embedded in fabric backing
Color:	white
Thickness:	15 mils
VOC Content:	0
Elongation:	60% (ASTM-D-638)
Tear Resistance:	725 psi (5.0 MPa) (ASTM D-2240 - modified)
Temperature Resistance:	-4 °F (-20 °C) to 194 °F (90 °C)

Alkali Resistance:

- Resistant against boiling in sodium hydroxide with a pH of 12
- Resistant against boiling in 2% potassium hydroxide (minimum 10 minutes)
- Waterproof - resistant to hydrostatic pressure

Other Resistances:

- Highly resistant against oil, grease and solvents
- Good weathering resistance
- Excellent decomposition resistance (microbes)
- Good UV resistance

Packaging:

- 4 3/4" (120 mm) x 32.8 ft. (10 m) rolls
shipping weight: 0.5 lb. (0.2 kg.)
- 4 3/4" (120 mm) x 164 ft. (50 m) rolls
shipping weight: 2 lbs. (1 kg.)
- 8" (200 mm) x 32.8 ft. (10 m) rolls
shipping weight: 0.9 lb. (0.4 kg.)
- 8" (200 mm) x 164 ft. (50 m) rolls
shipping weight: 5 lbs. (2 kg.)

Yield/coverage:

A 46 lb. (21 kg) unit of AQUAFIN-2K/M adheres approximately 85 ft. of 4 3/4" wide tape or approximately 57 ft. of 8" wide tape.

Actual coverage may vary due to substrate conditions.

Limitations:

- Do not use AQUAFIN JOINT SEALING TAPE-2000 in negative side applications exposed to direct hydrostatic pressure.
- Do not use AQUAFIN JOINT SEALING TAPE-2000 in pools, hot tubs, fountains, similar water structures, or any areas exposed to chlorine-treated water.
- Do not use AQUAFIN-1K as an adhesive for AQUAFIN JOINT SEALING TAPE-2000.
- If movement is expected in either a crack or a construction joint, use AQUAFIN JOINT SEALING TAPE 2000-S instead of AQUAFIN JOINT SEALING TAPE-2000.

AQUAFIN® JOINT SEALING TAPE-2000-

Shelf Life:

Two years, when stored in a dry, enclosed area, in original packaging.

Note:

Proper application is the sole responsibility of the user. Applicators are expected to follow ICRI and ACI guidelines as well as other applicable industry standards. Aquafin personnel or representatives are not site inspectors or construction project managers and therefore do not approve surface preparation, mixing, or application of Aquafin products. Site visits by Aquafin personnel or representatives are solely for the purpose of making technical recommendations, not for providing supervision or quality control.

General Information:

All details in particular to the suggestions for the processing and use of the product is based on our present knowledge and experiences at the time of printing. Depending on specific applications, in particular regarding substrates, processing and environmental conditions may affect final results.

Health & Safety:

Refer to MSDS.

LIMITED WARRANTY: AQUAFIN, INC. warrants this product for a period of one year from the date of installation to be manufactured free of defects and to be consistent with its technical properties as stated in our current Technical Data Sheet. This product must be used as directed and within its stated shelf life. AQUAFIN INC. will replace or at our discretion refund the purchase price of any product, excluding cost of labor, which is proven to be defective. Our product recommendations are based on industry standards and testing procedures. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. We assume no warranties written, expressed or implied as to any specific methods of application or use of the product. AQUAFIN INC. MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. AQUAFIN, INC. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

For Professional Use Only.