



AQUAFIN Joint Sealing Tape-2000-S

Expansion and Construction Joint Sealing Tape

☑ Waterproof and "breathable"

☑ Elongation 600%

Product Description

JOINT SEALING TAPE-2000-S is a state-of-the-art elastomeric, highly tear resistant, breathable waterproofing tape which prevents the passage of moisture and water through joints and cracks.

JOINT SEALING TAPE-2000-S is bonded to the substrate with AQUAFIN-2K/M flexible cementitious waterproofing.

Typical Applications

- Expansion/construction joints and cracks such as in walls of below grade parking garages, foundations, sewage treatment tanks, roofs, swimming pools, EIFS, etc.
- Joints between new and old concrete
- Joints under ceramic tiles
- Applied to all substrates that can be treated with cementitious waterproofing or tile mortars

Advantages

- Economic permanent solution for joint and crack sealing problems
- Quick and easy installation
- Waterproof - resistant to hydrostatic pressure
- Permanently flexible
- Attached/installed with flexible cementitious AQUAFIN-2K/M waterproofing
- Tape joints - simply overlapped and glued together with AQUAFIN-2K/M
- Breathable, not a vapor barrier - allows fast drying of water based tile mortars and waterproofing materials
- Perforated along edges for added mechanical bond to augment chemical bond
- Can also be used in conjunction with epoxies or urethanes.

Packaging

Tape Width	Roll Length	Weight
4 3/4" (120 mm)	164 FT (50 m)	4.7 lb (2.2 kg)
8" (200 mm)	82 FT (25 m)	3.5 lb (1.6 kg)

Application

- Apply 1st coat of AQUAFIN-2K/M, extending minimum 3/4" (20 mm) beyond either side of tape.
- Embed JOINT SEALING TAPE-2000-S uniformly, leaving no wrinkles, into 1st coat AQUAFIN-2K/M, using a trowel or similar.
- Cover JOINT SEALING TAPE-2000-S with 2nd coat AQUAFIN-2K/M (same or next day) and smooth the surface with a damp brush.
- In expansion joints allow as much slack in the tape as needed to allow joint movement. A 2nd tape can be installed where additional protection is desired.
Connecting Tapes:
 - After installing 1st tape, overlap 2nd tape, minimum 4" (100 mm) using AQUAFIN-2K/M. Overlap minimum 2" (50 mm) using thermal welding technique.
 - Cover 2nd tape with AQUAFIN-2K/M and follow procedure, steps 1. to 3.

Yield / Coverage

77 lb (35 kg) unit AQUAFIN-2K/M attaches	
Tape 4 3/4" (120 mm) wide	120 FT (36 m)
Tape 8" (200 mm) wide	82 FT (25 m)

All above values theoretical. Variations may apply due to substrate conditions.

Technical Data

Product:	JOINT SEALING TAPE-2000-S
Material:	elastomeric membrane embedded in backing fabric
Color:	white
Thickness:	approx. 1/64" (0.4 mm)
Elongation:	600% (ASTM D-638)
Tear resistance	2,175 psi (15.0 MPa) (ASTM D-2240)
Temperature resistance:	-4 °F to +194 °F (-20 °C to +90 °C)

Alkali resistance:

- Resistant against boiling in Sodium Hydroxide with pH 12
- Resistant against boiling in 2% Potassium Hydroxide (minimum 10 minutes)
- Resistant when storing in Calcium Hydroxide with pH 12

Other resistances:

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

For warranty: Please refer to AQUAFIN-2K/M data sheet.

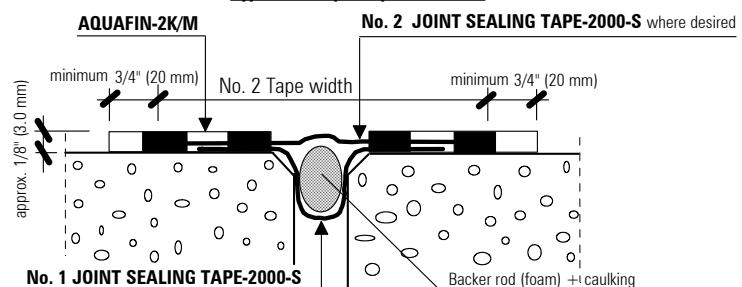
CHEMICAL RESISTANCE OF JOINT SEALING TAPE-2000-S

Ammonia 10%	++	Hydraulic oil	++	Sea water	++
Chlorofluorocarbons	++	Heating oil	++	Shock absorber oil	++
Cyclohexanone	++	Isopropanol	+	Sodium chloride solution	++
Dibutylphthalate	++	Isooctane	++	Styrene	+
Diesel fuel	++	Kerosene	++	Tetrachloroethylene	+
Engine oil	++	Linseed oil	++	Thistle oil	++
Ethyl ether	++	Lubricant (grease)	++	Toluene	+
Glycol	++	Methanol	+	Water, distilled	++
Glycerol	++	Petroleum ether	++	Water, potable	++
Gasoline regular	++	Phenol	+	Water, seawater	++
Gasoline premium	+	Potash lye, 10%	+		

++ = resistant (no or only minor change of weight and size)

+ = medium to short term resistance (change of weight and size)

Typical Example Expansion Joint



AQUAFIN, Inc.
January 2005

DIV. 3 + 7

03150 CONCRETE ACCESSORIES
07160 CEMENTITIOUS WATERPROOFING

AQUAFIN, Inc.
505 Blue Ball Rd., No.160
Elkton, MD 21921

Phone (410) 392 - 2300 Fax (410) 392 - 2324

E-mail: info@aquafin.net http://www.aquafin.net

TOLL FREE 1 - 866 - AQUAFIN (1-866-278-2346)

DISTRIBUTED BY:

E-mail: info@aquafin.net
http://www.aquafin.net

3.1.2