



## Construction Joint and Crack Sealing Tape

- ☑ **Waterproof and "breathable"**
- ☑ **Elongation 60%**

### Product Description

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

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

### Typical Applications

- Cracks and construction joints
- 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

- Inexpensive 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.

### Installation

1. Apply 1st coat of AQUAFIN-2K/M, extending minimum 3/4" (20 mm) beyond either side of tape
2. Embed JOINT SEALING TAPE-2000 uniformly, leaving no wrinkles, into 1st coat AQUAFIN-2K/M, using a steel trowel or similar.
3. Cover JOINT SEALING TAPE-2000 with 2nd coat AQUAFIN-2K/M (same or next day) and smooth the surface with a damp brush

#### Connecting Tapes:

- a. After installing 1st tape, overlap 2nd tape, minimum 4" (100 mm)
- b. Cover 2nd tape with AQUAFIN-2K/M and follow procedure, steps 1. to 3.

**Note:** Use JOINT SEALING TAPE-2000-S (600% elongation) for expansion joints and other areas subject to larger movement.

### Yield / Coverage

#### 77 lb (35 kg) unit AQUAFIN-2K/M attaches

Tape 4 3/4" (120 mm) wide	145 FT (44 m)
Tape 8" (200 mm) wide	95 FT (29 m)

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

### Technical Data

Product:	JOINT SEALING TAPE-2000
Material:	elastomeric membrane embedded in backing fabric
Color:	white
Thickness:	approx. 1/64" (0.35 mm)
Elongation:	60% (ASTM D-638)
Tear strength:	725 psi (5.0 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:

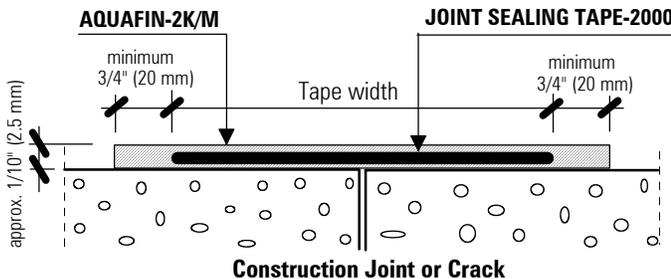
- Highly resistant against oil, grease and solvents
- Good weathering resistance
- Excellent decomposition resistance (microbes)
- good UV resistance

### CHEMICAL RESISTANCE OF JOINT SEALING TAPE-2000

Ammonia 10%	++	Hydraulic oil	++	Sea water	++
Chlorofluorocarbons	++	Heating oil	++	Shock absorber oil	++
Cyclohexanone	++	Isopropanol	+	Sodium chloride solution	++
Dibutylphtalate	++	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)



### Packaging

Tape Width	Roll Length	Weight
4 3/4" (120 mm)	32.8 FT (10 m)	0.5 lb (0.2 kg)
	164 FT (50 m)	2.2 lb (1.0 kg)
8" (200 mm)	32.8 FT (10 m)	0.7 lb (0.3 kg)
	164 FT (50 m)	3.3 lb (1.5 kg)

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