

Aqua-Shield Air / Vapor Barrier Tape

TECHNICAL DATA / PROPERTIES

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Tensile Strength	ASTM D-412		warp 67 lbs Weft 57 lbs
Thickness			17 mil
Elongation	ASTM D-5034		warp 16% Weft 57 lbs
Water Vapor Transmission	ASTM E-96 Method E	ICC: Vapor Permeable	<0.012 perm

Product	Width of Roll	Length of Roll
Aqua-Shield 4	4" (101 mm)	75' (22.9 m)
Aqua-Shield 6	6" (152 mm)	75' (22.9 m)
Aqua-Shield 9	9" (229 mm)	75' (22.9 m)
Aqua-Shield 12	12" (305 mm)	75' (22.9 m)

Tique Aqua-Shield Air/Vapor Barrier Tape is a self-adhering, air and moisture barrier tape used in Tique system assemblies. Aqua-Shield is a SBS modified rubberized asphalt membrane with a polyester top surface. Aqua-Shield is used with Tique Weather Resistive Barriers to treat sheathing joints, inside and outside corners and rough openings for a superior waterproof air barrier.

Tique Aqua-Shield Tape and Weather Resistive Barriers can be used beneath various approved claddings including stucco, EIFS, vinyl, cement board, brick and with a wide variety of gypsum, cement, wood based sheathing, metal, styrene and polyethylene substrates. This tape is self-sealing when penetrated with mechanical fasteners.

FEATURES BENEFITS

Easy to Cut	Ease of Installation
Rough Opening Protection	Increased rapidity of installation at rough openings
Flexible	Easily wrapped at corners
Installation Temp	-20°F / 28°C to 125°F / 51.6°C

Packaging Per Carton

- Aqua-Shield 4 : 12 Rolls / Box
- Aqua-Shield 6 : 8 Rolls / Box
- Aqua-Shield 9 : 4 Rolls / Box
- Aqua-Sheild 12 : 4 Rolls / Box

SURFACE PREPARATION

For the application of Tique Aqua-Shield and Weather Resistive Barriers, surfaces must be clean, dry, and free of frost, damage and all bond-inhibiting materials, including dirt, efflorescence, form oil and other foreign matter.

Storage

Store off the ground in a dry area. Protect from extreme heat [90°F (32°C)], moisture and direct sunlight.

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APPLICATION

Approved sheathing must be installed in compliance with applicable code and/or manufacturer requirements. Installed sheathing must be clean, dry and free from damage, frost and all bond-inhibiting materials. Gap wood-based sheathing maximum 1/8 inch (3 mm) at joints. Should gaps exceed 1/8 inch (3 mm), up to 1/4 inch (6 mm) wide, apply low expanding urethane foam into joints and rasp or shave flush with sheathing surface.

Trowel Applied: Apply Tique Weather Resistive Barrier using a trowel or putty knife at (15 wet mils) at sheathing joints, rough openings and corners. Place 4" (101 mm) wide fabric at sheathing joints and 6" and 9" wide fabric at rough openings and inside and outside corners into wet Tique Weather Resistive Barrier. Immediately embed and smooth out tape. Apply an additional coat of Tique Weather Resistive Barrier to completely embed and seal the tape. Check for pinholes and thin spots. Provide a continuous coating and fabric membrane across the joint or rough opening surface. Allow coating to dry. Where seams or openings require use of multiple pieces of Aqua-Shield tape, overlap onto the previously placed section a minimum of 2" (51 mm). If it is necessary to lap more than two layers of tape, additional Tique Weather Resistive Barrier must be applied between layers, and the substrate must be examined, verifying that an adequate amount of coating penetrates through the tape.

Roller or Spray Applied: Apply Tique Weather Resistive Barrier using an appropriate airless sprayer at (15 wet mils) at sheathing joints, rough openings and corners.

Roller: Use a 3/4" nap roller to apply the Tique Weather Resistive Barrier at sheathing joints, rough openings and corners.

LIMITATIONS

Aqua-Shield tape to be used in conjunction with Tique Weather Resistive Barrier.

Protect from rain and freezing until completely dry.

Apply only when the surface and ambient temperatures are above 40°F (4°C) and below 100°F (38°C) during application and drying period.

Not recommended for use when cool, damp conditions exist for extended periods.

Cool, damp conditions retard drying and may require extended periods of protection.

Do not use on damp surfaces, below grade, or on surfaces subject to water immersion.

Not recommended for spanning sheathing joints or holes in excess of 1/8" (3 mm) wide.

HEALTH AND SAFETY

Health Precaution

As with any chemical construction product, exercise care when handling.

Safety Precaution

Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

First Aid:

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Contact a physician.

SKIN CONTACT: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. **Inhalation:** Move to fresh air. If symptoms persist, call a physician.

INGESTION: Accidental ingestion of this material is unlikely. If this does occur, watch person for several days to make sure intestinal blockage does not occur. Rinse mouth with water and drink water to remove fibers from the throat. If symptoms persist, call a physician.

Disposal

Dispose of in accordance with local, state or federal regulations.

Warning

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Safety Data Sheet (SDS) for further health and safety information.

LIMITED WARRANTY

This product is subject to a written limited warranty. Refer to Tique Specifications for more complete information on proper use and handling of this product.



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