



Installation Guide

ARK Seam Airtight Tape (exterior)

Extendable Self-Adhered Flashing for Sealing Around Non-Flanged Objects

Product Overview

ARK Seam Airtight Tape (exterior) provides reliable protection against water, air, and moisture for exterior walls. Its strong adhesive bonds securely to membranes and sheathing, ensuring long-lasting performance in all weather conditions. Easy to install, it helps improve energy efficiency and indoor comfort.

1. Surface Preparation

- **Clean the Surface:** Ensure the surface where the tape will be applied is dry, clean, and free from dust, dirt, oil, grease, or other contaminants. Use a brush or vacuum to remove any debris from the surface.
- **Smooth Surface:** The surface should be smooth and dry. If it's rough, fill in any large gaps or imperfections before applying the tape to ensure proper adhesion.
- **Temperature Conditions:** The installation temperature should generally be between 5°C and 30°C (41°F to 86°F). Avoid applying the tape in freezing temperatures or in extreme heat as it could affect the adhesive.

2. Cutting the Tape

- **Measure and Cut:** Measure the necessary length of tape and cut it using scissors or a utility knife. Ensure the cuts are clean and straight for optimal installation.
- **Avoid Stretching:** Do not stretch the tape while applying it, as this can affect the adhesive bond and performance.

3. Peel the Backing



- **Remove Protective Film:** Peel off the protective backing or release liner from the adhesive side of the tape. Be cautious to avoid letting the adhesive side touch any dirt, moisture, or debris.

4. Apply the Tape

- **Align the Tape:** Position the tape along the seam or joint you wish to seal. Start at one end and apply the tape gradually to avoid air bubbles or wrinkles.
- **Press for Full Adhesion:** Press the tape firmly along the length of the seam to ensure it adheres well to the surface. If necessary, use a roller or squeegee to press the tape down fully to ensure strong adhesion and eliminate air pockets.
- **Overlapping:** For longer seams or joints, overlap the tape by approximately 2-3 cm (around 1 inch) to ensure a continuous and airtight seal.

5. Press and Seal the Tape

- **Firm Pressure:** After applying the tape, apply firm pressure along the entire length of the tape. Ensure that the tape is fully adhered to the surface and there are no gaps or bubbles.
- **Use a Roller:** Use a hand roller or similar tool to ensure full adhesion, especially along the edges, corners, and seams where extra pressure is needed.

6. Inspect the Installation

- **Check for Gaps:** Inspect the tape after installation to make sure there are no gaps, wrinkles, or bubbles. If any areas are loose or improperly adhered, press the tape down again.
- **Seam Integrity:** For areas where the tape overlaps or joins, verify that the seams are sealed effectively. The overlap should ensure that there's no chance for air or water leakage.

7. Post-Installation



- **Protection:** Once the tape is installed, it can be covered by other building materials such as insulation, siding, or cladding as per the project requirements. Ensure that the tape is undisturbed during this stage to maintain the seal.
- **Allow Bonding Time:** Let the tape cure and bond fully before exposing it to heavy moisture or pressure.

Important Notes

Avoid Contaminants: Keep the adhesive side of the tape free from dust, oils, or moisture during installation. Contaminants can reduce the adhesive strength.

UV Exposure: If the tape will be exposed to direct sunlight for an extended period, consider covering it with exterior cladding or a protective layer as UV rays may degrade the tape over time.

Storage: Store the tape in a cool, dry environment. Prolonged exposure to high temperatures or moisture before use can affect the tape's adhesive properties.

Maintenance & Warranty

ARK Seam Airtight Tape (exterior) do not need special maintenance after installed; Lifetime warranty from the day of installation if it is quality defects.



Remark:

Recommendations on methods, materials, and construction details are provided by Ark Synthetics based on current knowledge and experience. They serve as a general guide for designers, contractors, and manufacturers. Installation should also consider local conditions, project-specific requirements, and guidance from designers or other qualified professionals. For project assistance, contact info@arksynthetics.com

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