

## Method Statement for Building chemistry Industry Flexible Aluminum Flashing Installation

### 1. Introduction

This method statement outlines the procedures for the installation of flexible aluminum flashing, ensuring compliance with project specifications and industry standards.

### 2. Scope

This document covers the preparation, installation, and quality control measures for flexible aluminum flashing on roofs, walls, and other structures as specified in the project documents.



### 3. Materials

**Flexible Aluminum Flashing:** Ensure that the flashing meets the specified gauge and finish.

**Adhesives:** Compatible sealants or adhesives as per manufacturer's recommendations.

**Fasteners:** Stainless steel screws or nails, if required.

**Protective Coating:** Optional, depending on the project specifications.

### 4. Equipment

**Hand tools:** utility knife, measuring tape, chalk line, trowel.

**Power tools:** drill, screw gun (if using fasteners).

**Safety equipment:** gloves, goggles, hard hats, fall protection harness (if working at heights).

### 5. Safety Precautions

Always wear appropriate PPE.

Ensure the work area is clear of hazards.

Follow manufacturer safety guidelines for handling materials.

### 6. Procedure

#### 6.1 Preparation

**Surface Inspection:**

Inspect the surface where the flashing will be applied. Ensure it is clean, dry, and free from debris.

Repair any defects in the substrate that may affect the installation.

## Material Review:

Verify that the aluminum flashing is in good condition and meets project specifications.

### 6.2 Measuring and Cutting

#### Measure the Area:

Use a measuring tape to determine the length and width of the area to be flashed.

#### Cutting the Flashing:

Mark the measurements on the aluminum flashing using a chalk line.

Use a utility knife or appropriate cutting tool to cut the flashing to size.

### 6.3 Installation

#### Positioning the Flashing:

Align the flashing correctly along the edges, joints, or seams that require protection.

#### Applying Adhesive/Sealant:

If using adhesive, apply a continuous bead on the substrate where the flashing will be placed.

If required, apply sealant to the back of the flashing for added waterproofing.

#### Securing the Flashing:

Press the flashing firmly onto the substrate to ensure proper adhesion.

If using mechanical fasteners, space them according to manufacturer specifications and drive them into the substrate without overdriving.

#### Sealing Joints:

For overlapping pieces, ensure that the upper piece overlaps the lower piece by at least 4 inches.

Seal all edges and joints with compatible sealant to prevent water infiltration.

#### 6.4 Quality Control

Inspect the installation to ensure proper alignment, adhesion, and sealing of all edges and joints.

Document any deviations from the installation plan and address as necessary.

#### 7. Curing and Final Inspection

Allow any adhesives or sealants to cure as per manufacturer instructions.

Conduct a final inspection to ensure the installation is watertight and meets quality standards.

#### 8. Cleanup

Remove any debris or excess materials from the site.

Dispose of waste materials in accordance with local regulations.

#### 9. Documentation

Maintain records of:

Material delivery tickets
Installation inspection reports
Any modifications made during the installation process.

#### 10. Conclusion

This method statement provides a comprehensive guide for the installation of flexible aluminum flashing, ensuring effective waterproofing and compliance with project specifications. Following these procedures will help achieve high-quality results.