



## DATA SHEET NO. 5114-000

# AIR-SHIELD™ 25 MIL FLASHING TAPE

## Flexible Flashing, 25 Mils Thick

### DESCRIPTION

AIR-SHIELD 25 MIL FLASHING TAPE is a self-adhering, flexible membrane flashing. It is a roll-type product that is nominally 25 mils thick. This material is an air, vapour, and liquid moisture barrier. When properly applied, the product reduces the risk of rot and mould development.

### USES

AIR-SHIELD 25 MIL FLASHING TAPE provides protection against water infiltration in critical detail areas, such as window and door openings, deck-to-wall intersections, corner boards, wall-to-wall tie-ins, foundation sill plates, sheathing panel seams, under stucco finishes, masonry walls, and other non-roof detail areas.

### FEATURES/BENEFITS

- Easy to install.
- Reduces the risk of rot and mould development.
- Superior adhesion.
- Seals around fasteners.
- Watertight.

### PACKAGING

Available in cut sizes. Also available in cut rolls of 102, 152, 224, and 326 mm (4", 6", 9", 12") wide. NOTE: Some sizes require lead time. All rolls are 22.9 m (75') long.

### TECHNICAL DATA

**Thickness** 25 mils

### STORAGE

AIR-SHIELD 25 MIL FLASHING TAPE should be stored palletized and protected from rain and/or physical damage. Do not store at temperatures above 32.2° C for extended periods of time. Do not leave membrane exposed to direct sunlight. Do not double-deck pallets. Store away from sparks or flames. Outdoors, store AIR-SHIELD 25 MIL FLASHING TAPE on pallets and completely cover.

### APPLICATION

**Surface Preparation ...** Apply AIR-SHIELD 25 MIL FLASHING TAPE in fair weather conditions when the air, surface, and membrane are at temperatures of -4° C or higher. After precipitation, allow a minimum of 24 hours for drying before installation. Install directly onto a clean and dry surface. Remove dust, dirt, and loose nails. Protrusions must be removed. Surfaces should have no voids or damaged/unsupported areas. Repair surfaces before installing. Surfaces should be free of scale, rust, grease, and oil and conditioned with MEL-PRIME™ or MEL-PRIME W/B from W. R. MEADOWS.

**Application Method ...** Cut AIR-SHIELD 25 MIL FLASHING TAPE to desired length. Peel back the release paper to expose adhesive. Align the membrane and press into place with heavy hand pressure. Laps must be a minimum of 63.5 mm (2.5"). Consistent with good construction practice, install the membrane so that all laps shed water (following the shingle principle). The top membrane layer should go over the bottom layer. Always work from low point to high point.

### PRECAUTIONS

Service temperature is -40° to 70° C. Do not leave product permanently exposed to sunlight. Maximum recommended exposure time is 30 days. The rubberized asphaltic membrane component (soft black side) may not be compatible with most polyurethanes or silicones. W. R. MEADOWS offers a line of approved products as part of its complete system. Please reference the appropriate detail for the specific application. When used with other products than recommended, ensure compatibility through either testing or written approval from the manufacturer. Membrane adhesion of self-adhesive membranes on oriented strand board (OSB) can sometimes be affected by the level of surface texture or the presence of wax that is part of the binder used to bond together the wood strands. In situations where the membrane adhesion is compromised, in-situ adhesion tests should be performed to determine suitability of substrate prior to full installation. If there are variations in the OSB surface, multiple tests may be required.

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## MASTERFORMAT NUMBER AND TITLE

04 05 23 – Masonry Accessories

07 65 26 – Flexible Flashing

## LEED INFORMATION

May help contribute to LEED credits:

- EAp2: Minimum Energy Performance
- EAc2: Optimize Energy Performance
- MRc9: Construction and Demolition Waste Management

For most current data sheet, further LEED information, and SDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).

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