PROVIDING A FULL BUILDING ENVELOPE SYSTEM

AIR-SHIELD™

AIR BARRIERS FROM W. R. MEADOWS

A COMPLETE LINE OF AIR/VAPOR AND LIQUID MOISTURE BARRIERS

QUALITY | SERVICE | INTEGRITY

W. R. MEADOWS®

A Family Company Since 1926

AIR-SHIELD

FACT: Uncontrolled air leakage through the building envelope will affect the performance of the building materials within the wall assembly.

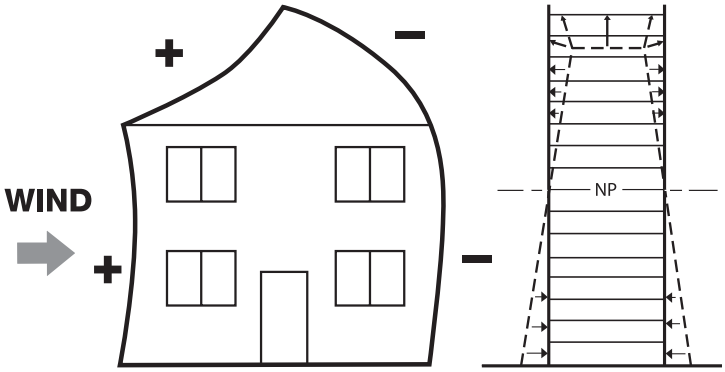
Not only do major investments in buildings deserve the very best protection available today, air barriers are now required in all new federal construction. To meet all of all of those concerns, W. R. MEADOWS brings you proven systems that prevent:

- Indoor air quality issues
- Inflated energy costs
- Mold growth
- Efflorescence
- Degradation of building components

Make an energy-saving difference!

With the rising concern over energy consumption and the greenhouse effect, a complete AIR-SHIELD air and air/vapor barrier system can provide all the components needed for making your building more energy efficient while combating indoor air quality issues.

All the more reason to look to W. R. MEADOWS. For over 95 years, we have built a coveted leadership reputation with architects, engineers and contractors developing and producing quality products for the construction industry. The kind of quality and performance that can protect your reputation as well. Call us at 800-342-5976.



How does air move through my building?

Air will move through the building if there is a pressure difference across the building envelope. As a result, any hole or penetration in the building envelope can allow moisture-laden air to move through the wall.

Air is moved by:

- Building location and wind
- Stack (or chimney) effect
- Mechanical means (HVAC systems)

IDEAL APPLICATIONS FOR W. R. MEADOWS AIR-SHIELD

- Cavity walls
- Masonry walls
- Precast concrete
- Cast-in-place concrete
- Interior and exterior gypsum board
- Styrofoam
- Primed steel
- Drywall
- Plywood

SPEC INFO

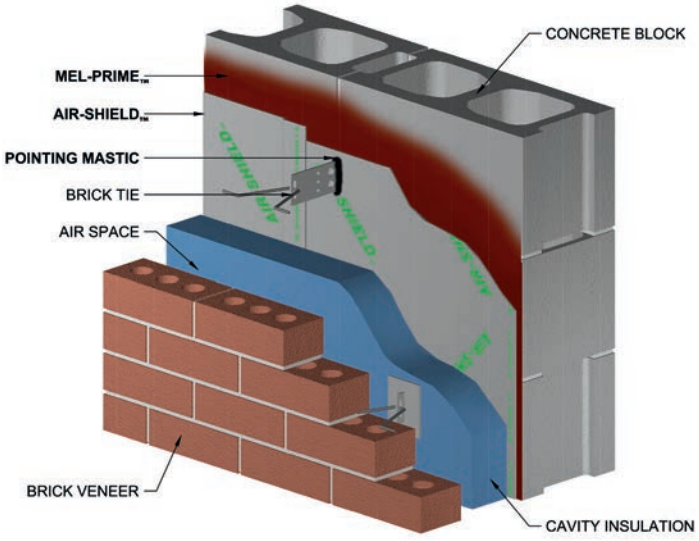
The complete line of AIR-SHIELD air barrier products is formulated to meet current specifications and regulations set forth by agencies such as the Air Barrier Association of America (ABAA), ASTM International, and the National Fire Protection Association (NFPA).

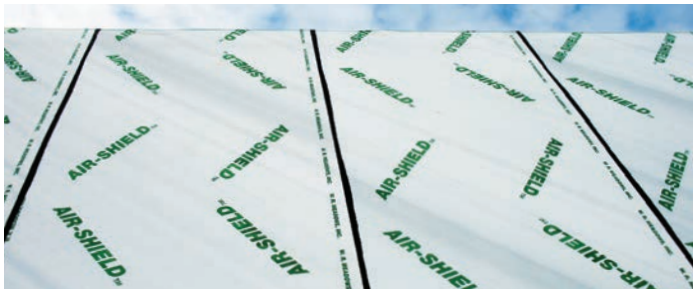
In addition, significant changes in the International Building Code (IBC), International Energy Conservation Code (IECC), and ASHRAE 90.1 now require the design of buildings to not only have increased thermal efficiency with the use of continued insulation, but also require the use of a complete air barrier system to address air leakage. AIR-SHIELD materials are designed and tested to meet the requirements of these current codes and standards.

For more information, visit www.wrmeadows.com to view a complete list and also to learn the latest on air barrier code compliance.

Designed and developed to work together as a complete air and air vapor barrier system.

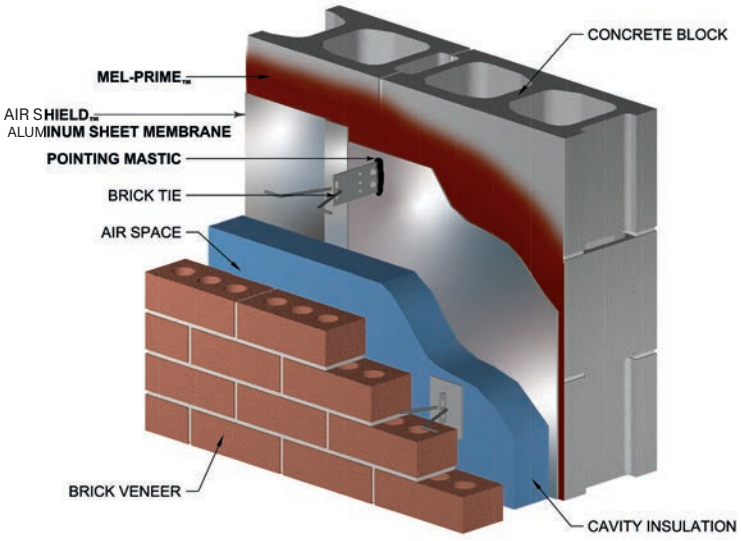
University of Michigan
Ann Arbor





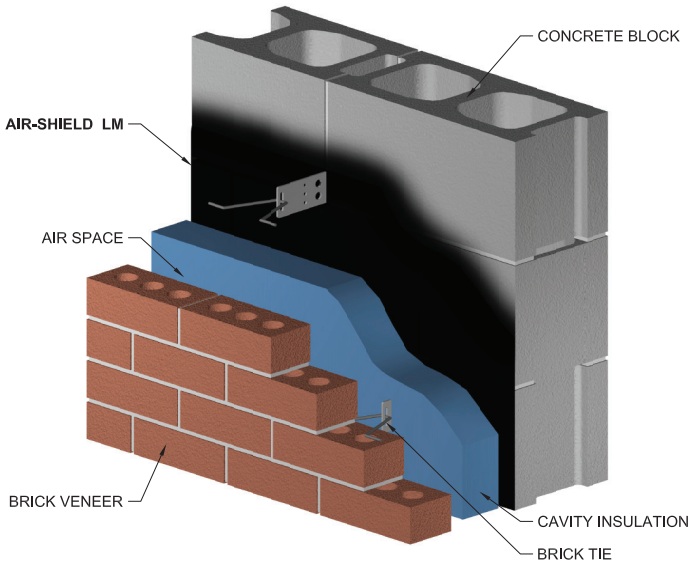
AIR-SHIELD

self-adhering air/vapor and liquid moisture barrier is a part of a total system to complete the building envelope. It is a roll-type product that is nominally 40 mils thick. This unique, self-adhesive membrane, protected by a special release paper, is strong and durable. It remains flexible when surface mounted and will adhere to most primed surfaces at minimum temperatures of 40° F (4° C). [A low temperature version for applications between 20° F (-7° C) and 60° F (16° C) is also available.]



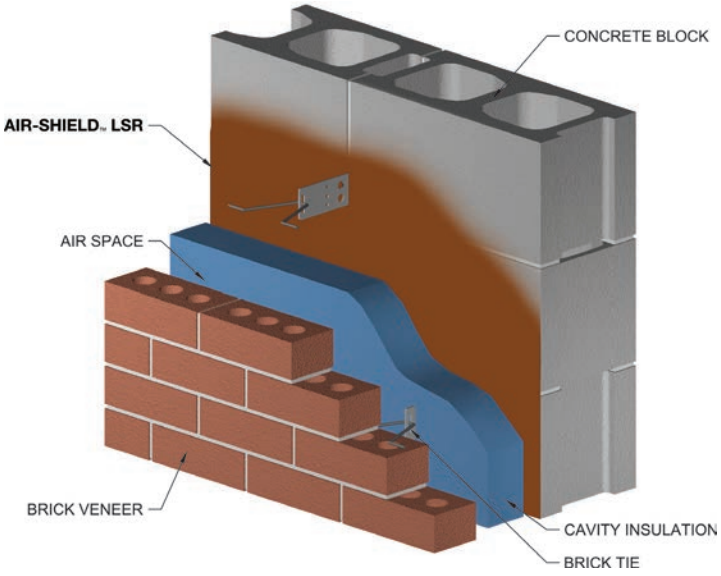
AIR-SHIELD ALUMINUM SHEET MEMBRANE

self-adhering air/vapor and liquid moisture barrier is a roll-type product that is nominally 40 mils thick. The membrane's controlled thickness is fabricated from aluminum bonded to specially modified asphalt.



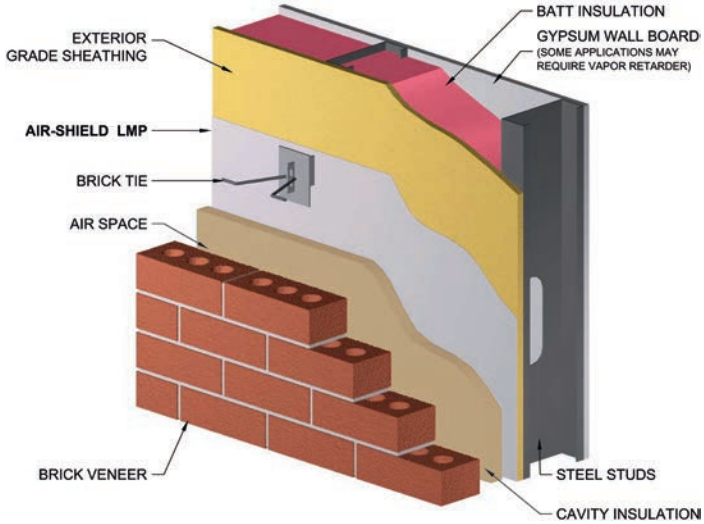
AIR-SHIELD LM

is a fluid-applied, water-based air, vapor, and moisture barrier designed to create a seamless, flexible membrane across wall assemblies. Once cured, it forms a tough, elastomeric film that resists air leakage, water intrusion, and vapor transmission–helping improve energy efficiency and long-term building envelope performance. This polymer-modified formula can be applied as a single-component spray or roller coating, or as a two-component co-spray system with CURE-IT for faster curing and expanded cold-weather application.



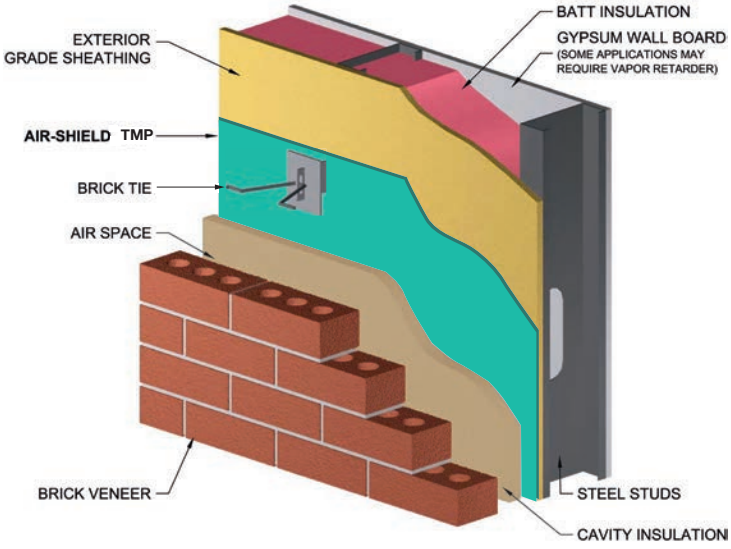
AIR-SHIELD® LSR

(liquid synthetic rubber) is an asphalt-free, single-component, synthetic rubber based liquid air/vapor and liquid moisture barrier. AIR-SHIELD LSR cures to form a tough, seamless, elastomeric membrane, which exhibits excellent resistance to air and moisture transmission.



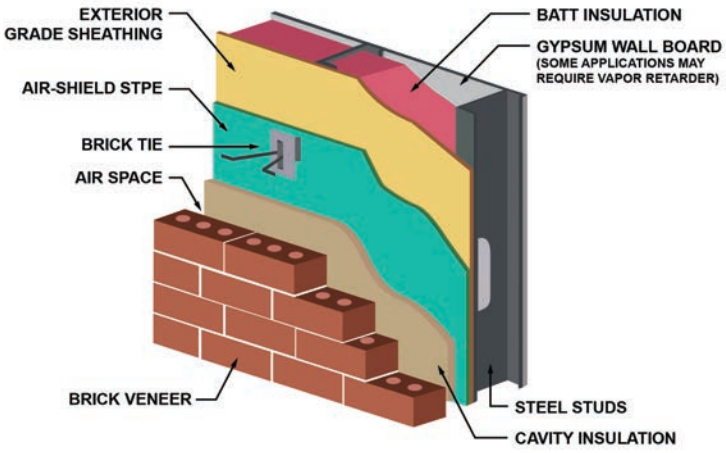
AIR-SHIELD® LMP

is also a single component, liquid applied, vapor permeable air/liquid moisture barrier. AIR-SHIELD LMP stops the movement of air, while at the same time, allowing the passage of vapor. The product is designed for wall assemblies that need a vapor permeable air barrier.



AIR SHIELD® TMP

is a water-based air/liquid moisture barrier that cures to form a tough, seamless, elastomeric membrane. When properly applied as a drainage plane, AIR-SHIELD TMP allows vapor to pass through; provides excellent resistance to air leakage; while prohibiting liquid water intrusion into the substrate. AIR-SHIELD TMP is suitable for both new construction and retrofit applications and may be applied to most common surfaces and integrated into various wall systems.



AIR SHIELD STPE

is a fluid-applied, vapor-permeable air and moisture barrier designed to help control air leakage and water intrusion in wall assemblies. This single-component, moisture-cured membrane goes on easily by spray, roller, or brush and dries to form a seamless, flexible layer that stays durable over time without becoming brittle. Formulated with silyl-terminated polyether (STPE) technology, it adheres well to a wide range of substrates–including concrete, CMU, sheathing, metal, and plywood–and can be used in both new construction and retrofit projects.

VCU Institute of Contemporary Arts Richmond

Vancouver Convention Centre

Haywood Museum of Art
Taos, New Mexico

TSU, Houston

ACCESSORIES

MEL-PRIME™

MEL-PRIME is a solvent-based, ready-to-use adhesive for W. R. MEADOWS membrane systems. Formulations available are solvent-based, water-based, and for use in the Northeast.

AIR-SHIELD LIQUID FLASHING

AIR-SHIELD LIQUID FLASHING is a high-quality, gun grade, low-odor, elastomeric, polyether, liquid-applied flashing and detailing membrane. It bonds to most construction materials, such as aluminum, brick, concrete, wood, vinyl, and exterior gypsum board.

AIR-SHIELD ALUMINUM FLASHING

AIR-SHIELD ALUMINUM FLASHING 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. Suitable substrate types are wood, concrete, concrete masonry units (CMU), and exterior gypsum sheathing.

AIR-SHIELD BUTYL FLASHING

AIR-SHIELD BUTYL FLASHING is a primerless, composite membrane that is comprised of a white woven polyethylene facer and easy-to-release kraft paper release liner. The product is designed for extreme cold applications down to 10° F (-12° C). It can be used as a flashing for rough openings, windows, detailing, and as a transition membrane. This material is an air, vapor, and liquid moisture barrier.

BEM

BEM is a one-component, cold-applied, non-slump waterproofing material that can be used for a variety of applications with building envelope products from W. R. MEADOWS. BEM cures to form a tough, flexible waterproofing membrane. BEM is a high quality moisture curing elastomeric waterproofing and sealing material.

AIR-SHIELD 25 MIL FLASHING TAPE

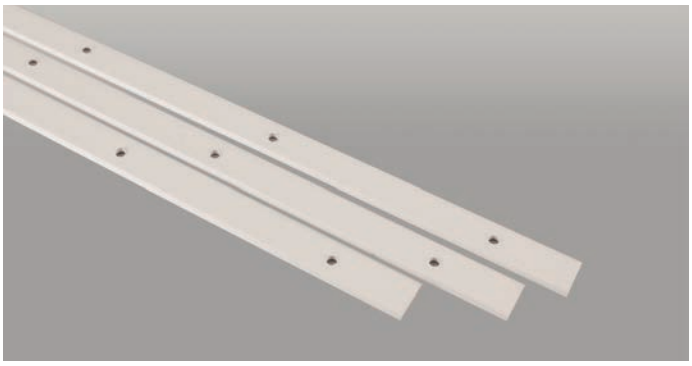
AIR-SHIELD 25 MIL FLASHING TAPE is a self-adhering, flexible membrane flashing. It is a roll-type product that is nominally 25 mils thick. This material is an air, vapor, and liquid moisture barrier. When properly applied, the product reduces the risk of rot and mold development.

AIR-SHIELD THRU-WALL FLASHING

AIR-SHIELD THRU-WALL FLASHING is a self-adhering, flexible membrane flashing. It is a roll-type product that is nominally 40 mils thick. This material is an air, vapor, and liquid moisture barrier.

POINTING MASTIC

POINTING MASTIC is a pre-mixed, cold-applied, polymeric, single-component sealing compound. POINTING MASTIC was specifically designed to seal all exterior, vertical, and horizontal terminations. POINTING MASTIC can be used on all patches and overlaps in detail areas. Once applied, it provides excellent adhesive and bonding strengths. POINTING MASTIC cures to form a tough, flexible membrane.



TERMINATION BAR

TERMINATION BAR is a multi-purpose, preformed, professional way to attach a wide variety of construction waterproofing, drainage boards, and flashing systems.

Guardian of the Structure

QUALITY | SERVICE | INTEGRITY

W. R. MEADOWS®

A Family Company Since 1926

Visit our site for comprehensive information on waterproofing a building:

- Product Listings
- Product Brochures
- Application Details
- Information Pages
- Installation Instructions
- Guide Specs
- Video Guides

wrmeadows.com

View our air barriers page to see all the AIR-SHIELD products and accessories at your fingertips.

Your quick link to air barrier videos.

linkedin.com/company/w-r-meadows-inc

facebook.com/wrmeadows

instagram.com/wrmeadowsinc

x.com/wrmeadows

youtube.com/wrmeadowsinc

800.342.5976
P.O. Box 338, Hampshire, IL 60140

wrmeadows.com
info@wrmeadows.com
#wrmeadows

#BR-2 03/26-2M PRINTED IN USA