The Rollershield LAB Liquid-applied Air/Water Barrier system works under all claddings that require a secondary water barrier including stone, brick, stucco and Master Wall® EIFS. The system consists of the following components:

- Rollershield Air/Water Barrier, supplied in 5 gallon (19L) pails
- Rollershield Flashing Tape for openings and sheathing applications

Rollershield is applied with a foam roller or spray equipment to 10 mils dry thickness and forms a continuous water barrier. Sheathing board joints and transitions are reinforced with Rollershield Flashing Tape.
Short Form Specification

1.0 General
This is a short form specification. Refer to Rollershield LAB specifications and details for additional information.

1.1 System Description
The Master Wall Inc.® Rollershield LAB System is a liquid applied vapor permeable air and water barrier.

1.2 Design Requirements:
A. Reference Master Wall® suggested details and architectural drawings for specific detail requirements.
B. Maximum deflection of substrates shall not exceed L/240.
C. Typical acceptable substrates include unpainted brick, masonry, concrete, plywood, Oriented Strand Board (OSB) or gypsum sheathings (ASTM C1396 or C1177). Contact Master Wall® for other approved substrates.

1.3 Job Conditions
A. Store all materials protected from weather and direct sunlight at temperatures above 40°F (5°C).
B. The ambient and wall temperature shall be a minimum of 40°F (5°C) and shall remain so for at least 24 hours after installation.

2.0 Products
All components of the Rollershield System shall be manufactured by Master Wall Inc.® and supplied by an authorized distributor.

A. Water Barrier & Flashing Tapes:
1. Rollershield: A 100% pure acrylic-based roll-applied weather-resistive barrier.
2. Rollershield Flashing Tape: A lightweight nonwoven joint treatment material.

3.0 Installation
A. Inspect the substrate to ensure that it is free of all foreign materials that would affect the adhesion of the Rollershield LAB.
B. Apply the coatings in strict accordance with Master Wall® specifications, product data sheets, architectural drawings and architectural specifications.

ASTM C297 Tensile Bond
- Dens Glass Gold: 31.6 psi
- Exterior Gypsum: 28.2 psi
- OSB: 40.4 psi
- Plywood: 79.1 psi
- Cement Board: 70.6 psi
- Copper: 185.1 psi
- Galvanized Steel: 180.8 psi
- Rigid PVC: 168.2 psi
- Aluminum: 184.2 psi
- Color Coated Aluminum: 203.5 psi
- Stainless Steel: 183.0 psi

ASTM D1970
- @ 22 mils dft: Pass

ASTM D2247 Water Resistance/ICC-ES AC212
- Exterior Gypsum: Pass
- Dens Glass Gold: Pass
- Cement Board: Pass
- Plywood: Pass
- OSB: Pass

ASTM E-84 Combustibility
- Flamespread-5
- Smoke Developed-5

ASTM E96 Water Vapor Transmission
- 203 g/24 hr/m²
- 30.5 perms

ASTM E2178 Air Permeability
- 0.0002 cfm/ft² at 1.57 psf

ASTM E2273 EIFS Drainage Performance
- ICC-ES AC212 99.2% Efficiency

ASTM E2357 Air Leakage Resistance
- 0.003 L/s.m² @ 75 Pa
- 0.02 L/s.m² @ 300 Pa

ICC-ES AC212 Full Scale Conditioning and Water Testing
- Pass

ICC-ES AC212 Freeze Thaw
- Plywood: Pass
- Cement Board: Pass
- OSB: Pass
- Exterior Gypsum: Pass
- Dens Glass Gold: Pass

NFPA 285 Multi-Story Fire Test
- Pass

Information contained in this product data sheet conforms to the standard detail recommendations and specifications for the installation of Master Wall Inc.® products and is presented in good faith. Master Wall Inc.® assumes no liability, expressed or implied as to the architecture, engineering, or workmanship of any project. This information may be concurrent with, or superseded by other applicable documents, such as specifications and details. Contact Master Wall Inc.® for the most current product information. ©2017 Master Wall Inc.