

## SPIDERLATH Innovation

SpiderLath is the only complete lathing system that solves all the problems created by other lath systems. Billions of dollars are spent each year in lawsuits and construction costs because of DRY ROT and MOLD. One of the most critical components in the design of your building project is the prevention of dry rot and mold. Building wraps/water barriers are designed to prevent these occurrences when installed properly. All holes and voids must be sealed to prevent moisture from penetration to the substrate. If the wrap is compromised it no longer provides the protection to the wood product behind it.

SpiderLath			Metal Lath	
Square Feet.	Rolls	Weight	Sheets	Weight
300 sf	1	23 lbs	18	90 lbs
600 sf	2	46 lbs	36	180 lbs
1,200 sf	4	92 lbs	72	360 lbs
1,400 sf	8	184 lbs	144	720 lbs

SpiderLath lath system offers the best protection to the water barrier/building wrap. The patent pending strip design will stop water from penetrating due to it's gasket sealing properties. When a fastener is applied through the strip, the strip compresses around the fastener thereby sealing the fastener hole.

SpiderLath is made from AR fiberglass, eliminating corrosion, keeping the lath system intact for as long as the material being applied to it. Metal lath and cementitious material are not compatible. Metal lath has tremendous tensile strength in and by itself but cannot transfer that strength to the cementitious material because they will not adhere to each other. Because of this non compatibility, the cementitious material may crack and fail. SpiderLath is made of a fiberglass material, is compatible, and does adhere to the cementitious material. By adhering to the material it can transfer its tensile strength thereby eliminating most cracking failures.

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*The most advanced lath system in the world!*

# SPIDERLATH

## FIBERGLASS LATH SYSTEM

## SPIDERLATH Technical Data

- Roll size: 4 ft. x 75 ft.
- Rolled up dimensions: 21 in. x 48 in.
- Roll weight: 23 lbs.
- Alkali Resistant (AR) fiberglass containing Zirconium Dioxide (ZrO<sub>2</sub>).
- Three dimensional Leno Weave.
- Mesh weight: 8.82 oz. per sq. yd. (300 gsm).
- Mesh opening size: 0.25 in. (6.35 mm).
- Semi rigid coating.
- Stripping on back is semi rigid.
- Stripping is flexible foam.
- Stripping measurements: 9 equally spaced strips (6 in.). 0.375 in. x 0.5 in. x 75 ft.
- Each roll is wrapped in stretch wrap and contains installation instructions.

## SPIDERLATH Testing

The ICC-ES AC 275 is the benchmark "Acceptance Criteria for Glass Fiber Lath Used in Cementitious Exterior Wall Coatings or Exterior Cement Plaster". SpiderLath has equalled or exceeded each of the tests required in the ICC-ES AC 275 and has received the appropriate Evaluation Report from IAPMO, accredited by the American National Standards Institute (ANSI).

For complete testing results and technical information, please visit our website at [www.spiderlath.com/test](http://www.spiderlath.com/test).



IAPMO Evaluation #0141

## SPIDERLATH Mesh Features

- SpiderLath is designed to be a replacement alternative for metal lath. Listed below are some of the applications used with SpiderLath: manufactured stone veneer, one and three coat stucco, natural stone thin veneer, concrete counter tops, plaster, tile, and water drainage systems.
- SpiderLath offers corrosion free material designed to last the life of the material being applied to it. SpiderLath is made from molten extruded Alkali Resistant fiberglass using Zirconium Dioxide.
- Cutting SpiderLath will not damage the alkaline resistant properties.
- SpiderLath uses a twisted weave to aid in keying the mortar.
- Easy to use, cuts with scissors or knife. Lath scratches and cuts are eliminated.
- SpiderLath adds tensile and flexural strength to the cementitious material providing a stronger bond.
- A thin coat of stiffening material is added to the fiberglass mesh to make the product easier to handle and faster to install.
- Very versatile, allowing it to be installed horizontally, vertically or diagonally.
- Easy to transport. Weighing only 23 lbs. per roll (300 sq. ft.) This is equivalent to 18 sheets of 2.5 metal lath which would weight about 90 lbs.
- Versatile and strong enough to use with heavy weight products such as three coat stucco and natural stone veneer.
- Installation time (labor costs) is reduced significantly because of the size and the ease at which the installer can unroll, stretch, and fasten.

Please visit the SpiderLath web site ([www.SpiderLath.com](http://www.SpiderLath.com)) for information, installation instructions, test results, and more.

## SPIDERLATH Strip System

SpiderLath strip system offers these advantages:

- **Nailing guide.** Less waste of fasteners.
- **Mesh Impact system.** Reduces the blow of the fastener, eliminating damage to the glass fibers.
- **Gasket sealer.** Seals around fastener holes, preventing penetration of water to the substrate, thus eliminating dry rot and mold.
- **Stand-off.** Allows mortar material to fill in behind the mesh and hold it on top of the mesh, forming a solid sheet of cementitious material. This allows the fiberglass mesh to be placed in the center of the cementitious material where it provides the optimal strength to assure less cracking and failures.

## SPIDERLATH Installation

1. Place SpiderLath with the strip system facing the substrate/water barrier.
2. Stretch lath tight.
3. Fasten SpiderLath using large head nails, washer head screws or wide crown staples or any fastener approved by the local building code.
4. Apply coat of mortar behind lath to fill in entire inside and coat outside of lath .5 inch.

**INSTALLATION LABOR COSTS ARE REDUCED SIGNIFICANTLY**

