



Moisture
Management
For Masonry

LathNet™

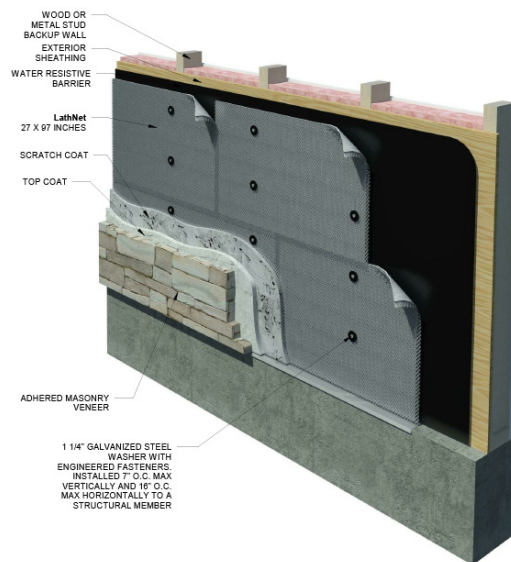
Product Submittal Sheet

Description

A factory-assembled, patented, solution combining a NEW structural strand polymer drainage mesh that offers up to 5 times greater airflow and self-furring, 2.5 lb. G-60 galvanized expanded metal lath for use with adhered masonry, including stucco, thin brick, and stone. It provides a continuous drainage plane between the lath and the weather resistant barrier. It installs like standard metal lath, provides a minimum 1" lath overlap to comply with ASTM C847 and promotes full lath encapsulation without clogging the drainage plane. It provides an effective barrier to mortar bridging and the continuous drainage plane allows rapid, unrestricted moisture flow to the weep holes and unrestricted air flow behind the lath to help promote drying. Product is shipped in 27 inch wide by 97 inch long sheets.

Short Form Spec

Provide factory-assembled 27 inch wide by 97 inch long sheets of 0.25 inch thick mesh drainage plane and self-furring, 2.5 lb. G-60 galvanized expanded metal lath system to maintain air flow and drainage behind adhered masonry veneers. Install continuously behind all adhered masonry per manufacturer's instructions.



Product: Subject to compliance with requirements, provide "LathNet™" as manufactured by Mortar Net Solutions™.

Manufacturer

Mortar Net Solutions™
6575 Daniel Burnham Drive Suite G, Portage, Indiana 46368

Telephone: (800) 664-6638 Fax: (219) 787-5088
Email: info@mortarnet.com Website: www.mortarnet.com

Specifier Note: LathNet is manufactured of a 0.25 inch thick structured strand polymer mesh and a self-furring, G-60 galvanized expanded metal lath that is factory assembled to provide a continuous drainage plane behind adhered masonry veneers. It is appropriate for use wherever standard 2.5 lb. G-60 galvanized expanded metal lath is appropriate and where the adhered masonry veneer will be exposed to moisture.

Substitutions

No substitutions permitted.

- ☐ LN-1 LathNet™: (2.5 lbs): 27" wide x 97" high x 0.25" thick material
- ☐ LN-2 LathNet™ (2.5 lbs): 27" wide x 97" high x 0.4" thick material
- ☐ LN-3 LathNet™: (3.4 lbs): 27" wide x 97" high x 0.25" thick material
- ☐ LN-4 LathNet™: (3.4 lbs): 27" wide x 97" high x 0.4" thick material

Specification Title: _____

Project: _____ **Date:** _____

Firm: _____ **Phone:** _____

Approval: _____ **Date:** _____

General Contractor: _____

Bid Date: _____

Comments: _____

LathNet™

Technical Data Sheet

Mortar Net Solutions has developed a new, patented, solution that combines a NEW structural strand polymer drainage mesh that offers up to 5 times greater airflow and 2.5lb or 3.4lb metal lath into a single component that streamlines installation. Mortar Net worked closely with experienced, professional masons throughout the system's development to ensure it would perform in the field. Good practice recognizes the need for drainage and ventilation in adhered masonry veneer installations and Mortar Net has applied its decades of experience in moisture management to create a highly reliable, factory assembled system.

Benefits

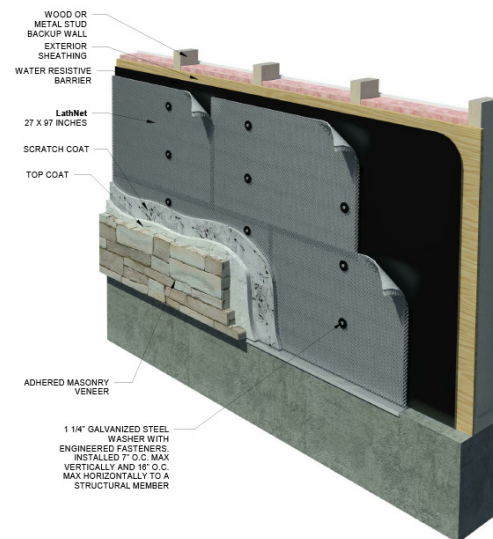
- Faster, easier installation than installing a drainage plane and lath separately
- Installs like standard metal lath, no new installation skills or tools necessary
- Combines proven components in an engineered and tested system
- Clearly shows 1" minimum lath overlap
- Promotes full lath encapsulation without clogging the drainage plane
- Drainage mesh provides an effective mortar barrier
- Self-furring
- Drainage mesh edges butt together to form a continuous drainage plane
- Lath is 2.5 lb dimpled, diamond mesh G-60 galvanized expanded steel for high strength and corrosion resistance
- Drainage plane is a structural strand polymer mesh that allows unrestricted flow of moisture to the weep holes
- Assembled in the USA from 100% USA-made materials
- Conforms to ASTM C847 Size

Sizes and Packaging

- Metal Lath: 27" W x 97" L
- Drainage Mesh: ¼" (6mm) nominal T x 25 ½" +/- ½" W x 94 ½" +/- ½" L
- Banded in bundles of 10 sheets
- 100 sheets per pallet (approximate weight: 600 lbs.)



Now available with NEW DriWall mesh

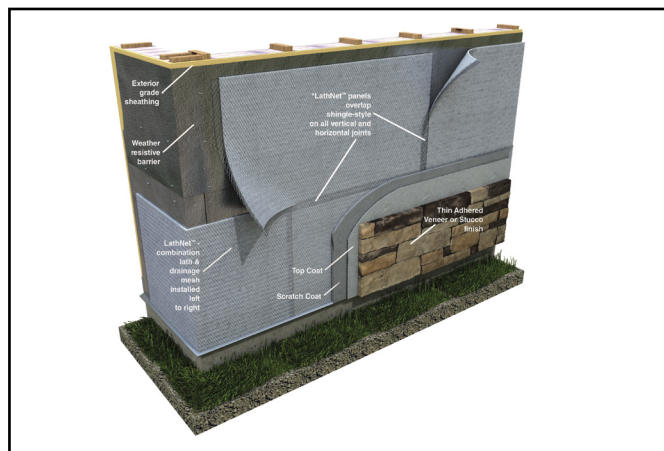


LathNet Over Wood Stud Detail

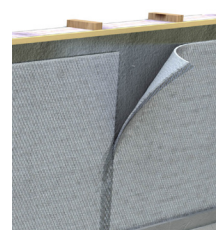
LathNet™

Installation Instructions/Packing Slip

1. *LathNet™ is installed with the mesh drainage mat against the structural wall and the metal lath toward the outside of the building. Start from the lower left of the wall and install LathNet from left to right (as you face the wall) and bottom to top, with the longer side running horizontally.
2. On one long edge and one short edge of each LathNet section, the mesh is held back from the edge of the metal mesh 1 to 1½-inches. On the first row of LathNet at the bottom of the wall, cut off the metal lath that extends past the mesh on the bottom edge only so the mesh is flush with the lath. This allows the mesh drainage plane to extend all the way to the bottom of the wall.
3. Code requires that the metal lath overlap where the sections of LathNet meet with a 1 inch minimum lath overlap. When installing a new LathNet section to the right of or above an already installed section, overlap the lath of the new section in a shingle fashion over the installed section and position the new section so the drainage mesh butts to the drainage mesh of the installed section. There shall be no gaps between the edges of the drainage mesh so the mesh forms a continuous drainage plane behind the lath everywhere on the wall. Stagger all vertical joints.
4. If butting LathNet against a solid wall component such as a door jamb or window frame, cut the metal lath so the mesh is flush with the lath to allow the drainage plane to extend all the way to the wall component.
5. When installing LathNet on an inside or outside corner, overlap the corner by a minimum of 12 inches and fasten the end of the panel to a stud or the nearest structural member. When building conditions make it necessary to install a new LathNet section to the left of a previously installed section, leave at least 12 inches of the previously installed section unfastened until the new section is properly placed to make it easy to butt the mesh drainage planes together and to form the proper lath overlap.
6. To fasten LathNet to a masonry substrate, use corrosion-resistant fasteners or hardened concrete stub nails with 1-1/4 inch diameter galvanized steel washers placed a minimum of every 16 inches horizontally and 7 inches vertically. **Do not use high speed twist drills.**
7. When fastening LathNet to a steel or wood stud substrate, the LathNet sections must overlap at a stud. Anchor all screws in a stud. Use ceramic coated screws with 1-1/4 inch diameter galvanized steel washers placed a minimum of every 16 inches horizontally and 7 inches vertically. Screws must penetrate wood studs a minimum of 5/8 inch and steel studs a minimum of 3/8 inch. **Do not use high speed twist drills.**
8. For all types of substrates, install fasteners so they penetrate and secure both sections of LathNet where they overlap.



LathNet panels overlap like shingles to create a code compliant lath and continuous drainage mesh in one. Lath extends 1 inch minimum beyond the mesh on the bottom and left of each panel.



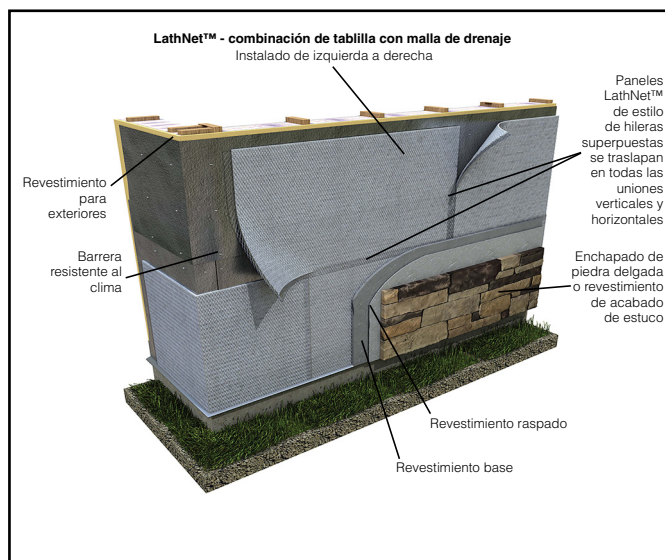
When LathNet rests on a flat surface such as base flashing, trim lath so it is flush with the drainage mesh.



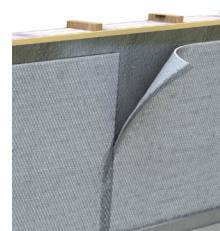
LathNet™

Installation Instructions/Packing Slip

1. LathNet™ se instala con la alfombrilla de drenaje de malla contra la pared estructural y la tablilla de metal orientada hacia la parte exterior del edificio. Comience desde la parte inferior izquierda de la pared e instale LathNet de izquierda a derecha (con usted frente a la pared) y de abajo hacia arriba, con el lado más largo horizontal.
2. En un extremo largo y en un extremo corto de cada sección de LathNet, la malla se retiene del borde de la malla de metal 1 a 1-1/2 pulgadas. En la primera fila de LathNet en la parte inferior de la pared, corte la tablilla de metal que se extiende más allá de la malla en el extremo inferior de manera que la malla quede al ras de la tablilla. Esto permite que el lado plano del drenaje de malla se extienda hasta la parte inferior de la pared.
3. El código exige que la tablilla de metal se trasape en donde se unen las secciones de LathNet con un trasape mínimo de tablilla de 1 pulgada. Cuando instale la nueva sección de LathNet a la derecha de o sobre una sección ya instalada, trasape la tablilla de la nueva sección en hileras superpuestas sobre la sección instalada y coloque la nueva sección de manera que la malla de drenaje empalme con la malla de drenaje de la sección instalada. No debe haber espacios entre los bordes de la malla de drenaje de manera que la malla forme un plano continuo de drenaje detrás de la tablilla en todas partes sobre la pared.
4. Si va a empalmar LathNet contra un componente de pared sólido como la jamba de una puerta o el marco de una ventana, corte la tablilla de metal de manera que la malla esté al ras de la tablilla para permitir que el plano de drenaje se extienda sobre todo el componente de la pared.
5. Cuando instale LathNet en una esquina interior exterior trasape la esquina un mínimo de 12" y afiance el extremo del panel a un travesaño o a la viga estructural más cercana. Cuando las condiciones del edificio hacen necesario instalar una nueva sección de LathNet a la izquierda de una sección instalada previamente, deje por lo menos 12" de la sección instalada previamente sin afianzar hasta que la sección nueva se coloque correctamente para facilitar la unión de los planos de drenaje de malla y para formar el trasape de tablilla correcto. Intercale todas las uniones verticales.
6. Para afianzar LathNet a un sustrato de mampostería, use los afianzadores resistentes a la corrosión o clavos para travesaños de concreto reforzado con arandelas de acero galvanizado de 1-1/4 de pulgada de diámetro colocadas a un mínimo de cada 16 pulgadas horizontalmente y 7 pulgadas verticalmente. **No utilice brocas helicoidales de alta velocidad.**
7. Cuando afiance LathNet a un sustrato de travesaño de madera o acero, las secciones de LathNet se deben traslapar en ese travesaño. Sujete todos los tornillos de un travesaño. Utilice tornillos recubiertos de cerámica con arandelas de acero galvanizado de 1-1/4 de pulgada de diámetro colocadas a un mínimo de cada 16 pulgadas horizontalmente y 7 pulgadas verticalmente. Los tornillos deben penetrar los travesaños de madera un mínimo de 5/8 de pulgada y los travesaños de acero un mínimo de 3/8 pulgadas. **No utilice brocas helicoidales de alta velocidad**
8. Para todos los tipos de sustratos, instale afianzadores de manera que penetren y aseguren ambas secciones de LathNet donde se traslapan.



Los paneles LathNet se traslapan superpuestos en hileras para crear una tablilla que cumple con el código y una malla de drenaje continuo, las dos en una. La tablilla se extiende 1 pulgada mínimo más allá de la malla en la parte inferior izquierda de cada panel.



Cuando LathNet se coloca sobre una superficie plana como lámina de escurrimiento base, gire la tablilla de manera que esté al ras de la malla de drenaje.

