



Moisture Management for Masonry

Your reputation. Your legacy. Our mission.

Product Submittal Sheet

WallNet™



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Description

WallNet™ is a lightweight sheet of tough, 90% open weave, polyester mesh drainage fabric. Easily put into place according to the instructions, it creates an air space to minimize contact between moist cladding and the wood or paper interior surfaces, while letting moisture migrate to the weep holes and out of the building. Its flexible sheets conform to any surface for easy installation. Sheets are available in 1/4", 0.4", 1" and 2" thick and come in conveniently sized rolls for quick installation.

Short Form Spec

Provide a 90% porous polyester mesh in thicknesses of 1/4", 0.4", 1" and 2" applied against wall substrate to maintain continuous air and moisture flow behind applied veneer.

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

Manufacturer

Mortar Net Solutions™

6575 Daniel Burnham Drive Suite G, Portage, IN 46368

Email: info@mortarnet.com

Website: www.mortarnet.com

Telephone: (800) 664-6638

Fax: (219) 787-5088

Specifier Note: WallNet™ is made of recycled polyester (1/4" is 40 % pre-consumer recycled content, and 0.4", 1" and 2" are 17% post-consumer & 33% pre-consumer recycled content) with anti-microbial additives to control mold growth. This material will not oxidize, rot, promote mold or fungus, or react with other common building materials such as mortar, cement, asphalt, modified bitumen, PVC, copper, or galvanized metal, thereby ensuring long-term performance for all materials.

Substitutions

No substitutions permitted.

- WallNet™:** 1/4" thick x 30" height x 100' length in gray color
- WallNet™:** 0.4" thick x 30" height x 50' length in gray color
- WallNet™:** 1" thick x 30" height x 40' length in gray color
- WallNet™:** 2" thick x 30" height x 20' length in off-white color



WallNet™, 1/4", 0.4" & 1" thick



WallNet™, 2" thick

Specification Title: _____	
Project: _____	Date: _____
Firm: _____	Phone: _____
Approval: _____	Date: _____
General Contractor: _____	
Bid Date: _____	
Comments: _____	



Technical Data Sheet

Description

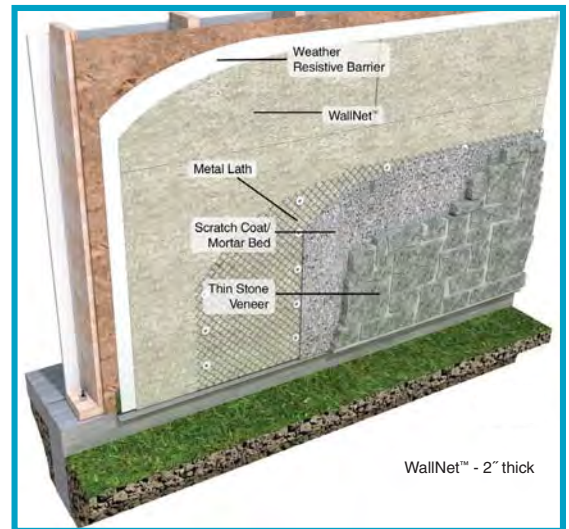
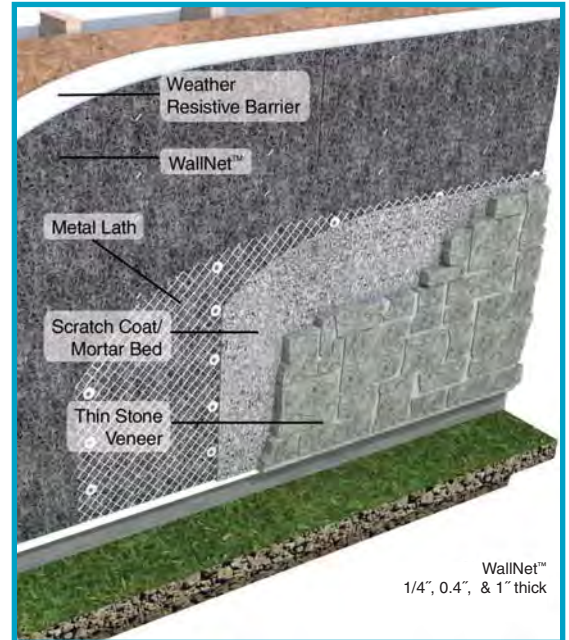
WallNet allows moisture to easily flow to the weeps, promotes drying to help prevent mold growth and moisture damage, and can help extend the life of siding materials by helping them dry from the back.

Features

- 90% open-weave polyester mesh
- Remains flexible and undamaged in a wide range of temperatures
- Anti-microbial additive to control mold growth
- Highly UV resistant

Sizes and Packaging

COLOR	THICKNESS	HEIGHT	SF/ROLL
Gray	1/4"	30"	250 SF
Gray	0.4"	30"	125 SF
Gray	1.0"	30"	100 SF
Off-white	2.0"	30"	50 SF



Recycled Content

THICKNESS	RECYCLED CONTENT
1/4"	33% Pre-consumer 17% Post-consumer
0.4"	33% Pre-consumer 17% Post-consumer
1.0"	33% Pre-consumer 17% Post-consumer
2.0"	33% Pre-consumer 17% Post-consumer



Installation Guide

1/4", 0.4", 1", & 2" Sizes

1. Weather Resistive Barrier

Install weather resistive barrier (WRB) over sheathing consulting applicable building codes. Provide minimum 6" vertical laps and 3" horizontal laps. Lap WRB over weep screed. Begin WRB install at base of wall and lap subsequent sheets over the sheet below.

2. WallNet™

Install WallNet after windows and doors are installed. Begin at the base of the wall and unroll and fasten using staples (min. 1/2") or using wrap cap screws or nails at a spacing of 1 anchor per 3 sq. ft. of wall area. Install WallNet in a shingle fashion, staggering vertical seams.

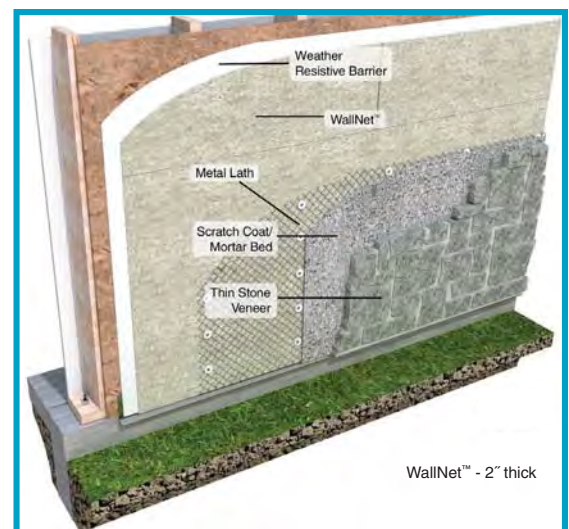
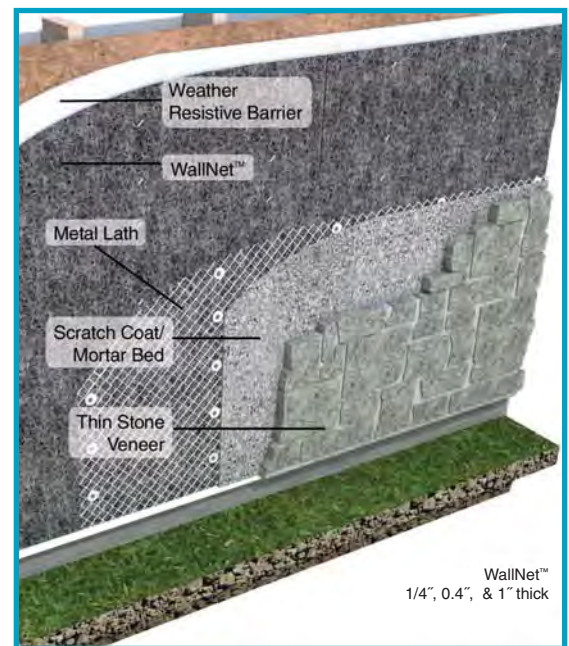
3. Metal Lath

Install galvanized metal lath according to applicable building code and stone veneer manufacturer's instructions. Fasteners are required to be located at stud locations and must penetrate studs a minimum of 1". Be sure to take into account the depth of the Wallnet when specifying fastener length.

4. Scratch Coat/Mortar Bed

Install scratch coat and mortar bed per manufacturer.

5. Thin Stone Veneer/Manufactured Stone/Stucco





Safety Data Sheet

WallNet - .25 inch, .4 inch, & 1 inch

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Issue Date: 2015/April/20

Safety Data Sheet as per 29 CFR 1910.1200, this data sheet represents an article that is excluded from the requirements.

This article data sheet is provided as a courtesy in response to a customer request. A Safety Data Sheet (SDS) has not been prepared for these product(s) because they are articles. Articles are not subject to the Occupational Safety and Health Administration’s Hazard Communication Standard (29 CFR 1910.1200(b)(6)(v)). As defined in this standard: “Article” means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical or health risk to employees.

Section 1: Company and Article Identification

Company: Mortar Net Solutions™ 326 Melton Rd., Burns Harbor, IN 46304
ph 800-664-6638 fax 219-787-5088 www.mortarnet.com
Chem-Trec (800) 424-9300

Article: Non-woven polyester fibers bonded with polyvinyl chloride polymers
Code(s): 115098, 215031, 215032, 165012, 265001, 265003, 117002, 217000

Section 2: Hazards Identification

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Hazard Statement(s): Under normal conditions of use and handling, this product is not expected to create any health or safety hazards.

Precautionary Statements: Not Applicable

Section 3: Composition / Information on Ingredients

Ingredients (name)	CAS#	Weight %
Polyethylene Terephthalate (fiber)	25038-59-9	35-65%
Polyvinyl Chloride Polymer	Not Available	20-45%
Titanium Dioxide/Talc/Kaloin	Various	2-35%
C22 - 30 Chlorinated paraffin	063449-39-8	2 - 10%
Finish	Unknown	< 1%
Pigment Colorant	Various	<4%

Section 4: First Aid Measures

General Info:	No adverse health effects are anticipated from normal handling
Notable Exposure symptoms:	Low hazard for usual industrial or commercial handling
If ingested:	No adverse health effects are expected. Consult with a physician.



Safety Data Sheet

WallNet - .25 inch, .4 inch, & 1 inch

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Issue Date: 2015/April/20

If inhaled:	No adverse health effects are expected. Consult with a physician.
Eye contact:	In case of contact with dust or particles, immediately flush eyes with plenty of water. Consult with a physician.
Skin contact:	No adverse health effects are expected. Consult with a physician.
Additional Information:	

Section 5: Fire Fighting Measures

General Info:	Nonwoven will support combustion Flash Point: Not applicable
Extinguishing Method / Equipment:	Use fire extinguishers with class B extinguishing agents (e.g. dry chemical, carbon dioxide)
Hazardous Decomposition Info:	Oxides of carbon, nitrogen oxides, small quantities of aliphatic and aromatic hydrocarbons, and acrylic monomers.

Section 6: Accidental Release Measures

General Info:	Use appropriate Personal Protective Equipment during clean-up
Containment Equipment and Procedures:	Not applicable

Section 7: Handling and Storage

Safe Handling Precautions:	This product is considered to be an article which does not release or otherwise result in exposure to hazardous chemicals under normal conditions.
Recommendations for Storage:	Use good material handling practices.

Section 8: Exposure Control / Personal Protection

General / Engineering Controls:	Good general ventilation should be sufficient to control airborne levels of dust and fly.
Work Clothing:	Special protective clothing is not needed for normal use. Gloves are recommended as a good industrial practice.
Eye Protection:	Safety glasses are recommended as a good industrial practice.
Skin Protection:	Gloves are recommended as a good industrial practice.
Respiratory Protection:	Where airborne concentrations are expected to exceed exposure limits, a NIOSH approved respirator should be selected based of the form and concentration on the contaminate in air and in accordance with OSHA Respiratory protection Standard CFR 1910.134.
Additional Information:	



Safety Data Sheet

WallNet - .25 inch, .4 inch, & 1 inch

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Substances with Exposure Limits	CAS#	ACGIH-TLV	OSHA-PEL	OTHER
none known				

Section 9: Physical and Chemical Properties

State:	Article/Solid	Melting Point:	>200 °C	Freezing Point:	Not Applicable
Color:	Varies	Boiling Point:	Not Applicable	pH	Not Applicable
Density (lbs/ft ³):	0.8 - 3.0	Odor:	Odorless	Water Solubility:	Nil
Evaporation rate:	Not Applicable	Flash Point:	>250 °C	Specific Gravity:	Not Applicable
Upper Flam Limits:	Not Applicable	Lower Flam Limits:	Not Applicable	Other:	

Section 10: Stability and Reactivity

General:	Stable
Incompatible materials:	None known
Conditions to Avoid:	Temperatures above 150 °C will cause decomposition in the presence of oxygen. Strong acids and bases can degrade nonwovens

Section 11: Toxicological Information

General Information:	Polyester and polyvinyl chloride are stable in the environment
Toxicological Information (product):	None available

Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	Eye Irritancy:	Skin Irritancy:
no components listed				

Carcinogenicity or mutagenicity:	None listed
Other Notes:	

Section 12: Ecological Information

General information:	No data
Aquatic toxicity:	No data
Degradation info:	No data
Other info:	



Safety Data Sheet

WallNet - .25 inch, .4 inch, & 1 inch

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Section 13: Disposal Information

Article disposal:	Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.
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Section 14: Transport Information

General:	Not classified as dangerous goods according to international transport regulations.
OTHER:	

Section 15: Regulatory Information

TSCA:	Components are listed on the TSCA inventory. Article is exempt for TSCA Inventory listing requirements
CERCLA RQ:	None of the components are listed. Article not listed
SARA 311/312:	Article is not classified as hazardous. Fire Hazard - No, Pressure Hazard - No, Immediate Hazard - No, Delayed hazard - No
SARA 313	Article not listed
California Prop 65 Substances:	
Canadian DSL:	
WHMIS Disclosure:	Not a controlled product

Section 16: Other Information

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):

Health	Flammability	Reactivity
0	1	0

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 704) - HAZARD IDENTIFICATION:

Health	Flammability	Reactivity	Specific
0	1	0	

KEYS: 4=Severe; 3=Serious; 2=Moderate; 1=Slight; 0=Minimal

FBADS File: 15002

Version: 1

Version Date: 2015-Apr-20

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given.