



Moisture
Management
for Masonry

Your reputation. Your legacy. Our mission.

 **DriPlane®**

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Product Submittal Sheet

DriPlane®

Description

For use between the inner structural wall and exterior cladding. May be used behind stucco, thin brick and stone, manufactured stone, stone and brick masonry, fiber cement, vinyl and wood siding, and with most other absorptive claddings and rainscreen systems. DriPlane is a polypropylene mesh bonded to a water and vapor-permeable fabric. It also has a unique UV-resistant packaging that protects DriPlane rolls from degradation.

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

Manufacturer

Mortar Net Solutions™
Telephone: (800) 664-6638
Email: info@mortarnet.com

6575 Daniel Burnham Dr. Ste G
Portage, IN 46368
Fax: (219) 787-5088
Website: www.mortarnet.com



Substitutions

No substitutions permitted.

- ☐ **DriPlane®:** DP-040: 48" wide x 45' length x $\frac{3}{8}$ " thick material.
- ☐ **DriPlane®:** DP-075: 48" wide x 50' length x $\frac{3}{4}$ " thick material.

Specification Title: _____

Project: _____ Date: _____

Firm: _____ Phone: _____

Approval: _____ Date: _____

General Contractor: _____

Bid Date: _____

Comments: _____



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Technical Data Sheet

Description

DriPlane provides a continuous drainage plane between the structural wall and exterior veneers such as adhered masonry, sidings, and other forms of absorptive cladding as well as most types of rainscreen systems. It allows rapid drainage and drying for residential and commercial walls.

Features

- Polypropylene mesh bonded to a water and vapor-permeable membrane
- Convenient 48" rolls for rapid coverage and fewer seams
- Available in 3/8" (10mm), and 3/4" thicknesses



Sizes and Packaging

THICKNESS	ROLL WIDTH	ROLL LENGTH	FT ² /ROLL	DIAMETER	WEIGHT
3/8" (10mm)	48"	45'	180	17"	16.7 lbs
3/4"	48"	50'	200	24"	18.8 lbs

Recycled Content

Thickness

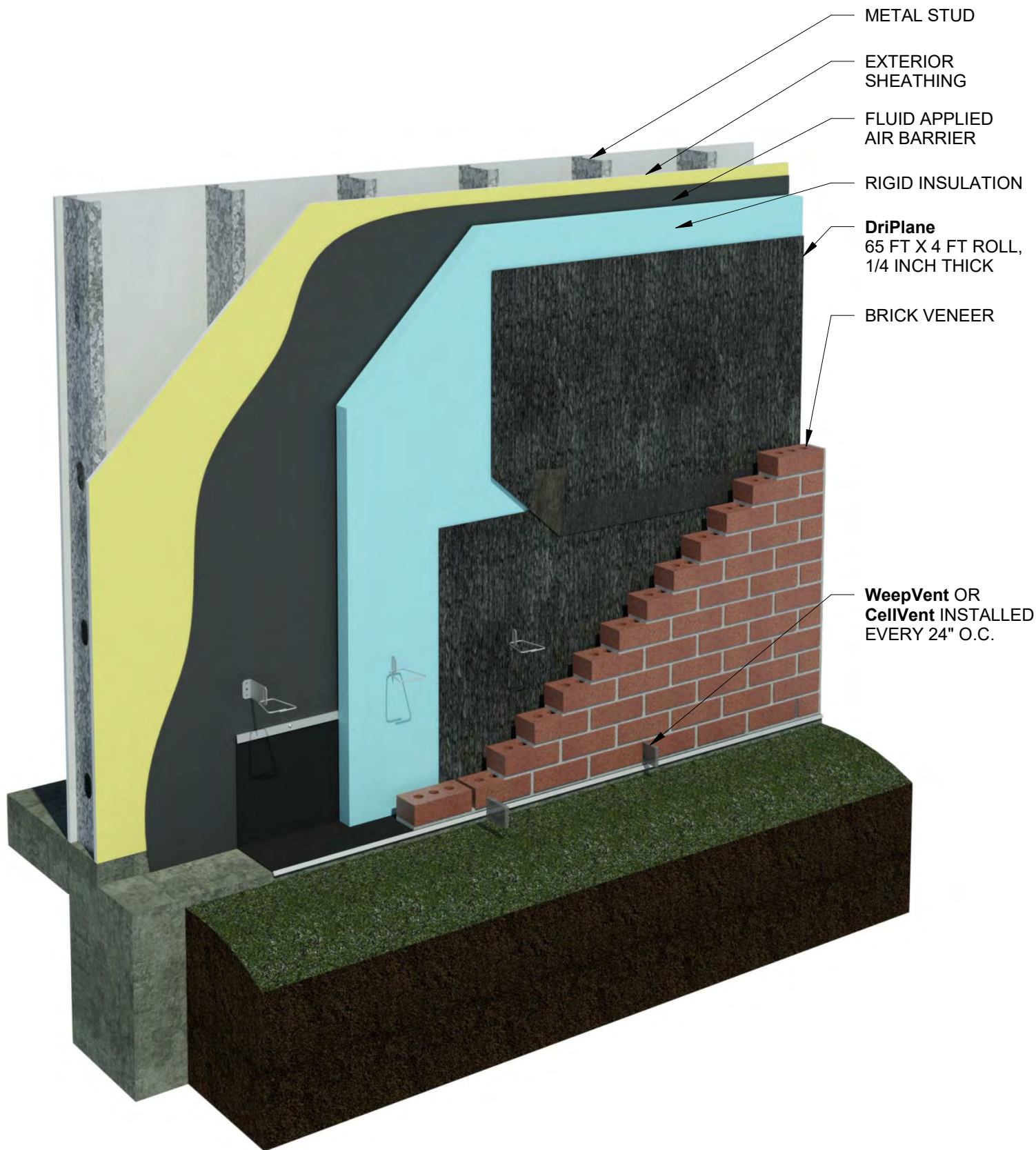
3/8" (10mm)

3/4"

RECYCLED CONTENT

0% Pre-consumer
0% Post-consumer

0% Pre-consumer
0% Post-consumer

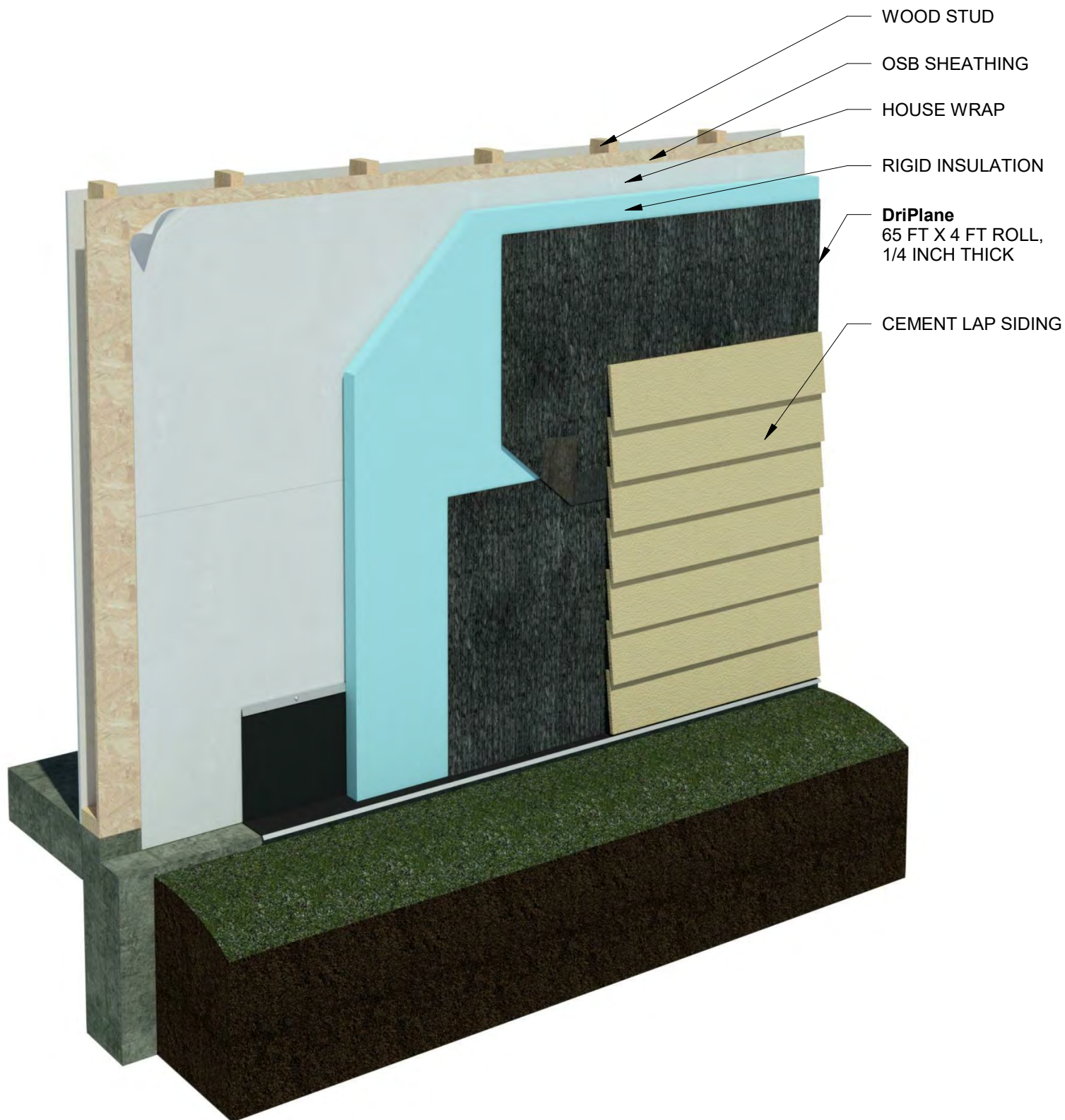


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326 Melton Rd., Burns Harbor, IN 46304
P 800 664 6638 F 219 787 5088
www.mortarnet.com



METAL STUD WALL WITH BRICK VENEER



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WOOD STUD WALL WITH CEMENT LAP SIDING



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Safety Data Sheet

DriPlane™ 0.25, 0.4, 0.75 inch

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Issue Date: 2016/November-29

Section 1: Product and Company Identification

PRODUCT NAME: MortarNet™ DriPlane™ 020
MortarNet™ DriPlane™ 040
MortarNet™ DriPlane™ 075

SYNONYMS: MortarNet™, DriPlane™, entangled filament mat, rainscreen

PRODUCT CODES: 3107-065-48M0
3141-045-48M0
3139-050-48M0

MANUFACTURER: Mortar Net Solutions™
DIVISION: Moisture Management
ADDRESS: 6575 Daniel Burnham Drive, Suite G, Portage, IN 46368

PHONE: 800 664-6638
FAX PHONE: 219 787-5088

CHEMICAL NAME: Polyethylene Terephthalate/Polycaprolactum/Polypropylene copolymer
CHEMICAL FORMULA: $(C_{10}H_8O_4)_n / (C_6H_{11}NO)_n / (C_3H_6)_n$

PRODUCT USE: Building rainscreen drainage plane
PREPARED BY: Mortar Net Solutions™

Section 2: Hazards Identification

OSHA HAZARD

COMMUNICATION STANDARD: Finished goods produced by Mortar Net Solutions™ are legally deemed as “articles” and as such are exempt from the Code of Federal Regulations, Title 29, Chapter XVII, Part 1910, Subpart Z, Section 1910.1200 of the OSHA Hazard Communication Standard. Therefore, in accordance with the provisions of this Standard, Safety Data Sheets are not required of non-hazardous goods deemed as “articles.” In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, Mortar Net Solutions™ would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of these products should be included in worker training programs.

EMERGENCY OVERVIEW: Fabric Color-Black Mat Color- Black Odor-none
ROUTES OF EXPOSURE: Skin contact, inhalation, ingestion

POTENTIAL HEALTH EFFECTS: EYES: Not expected to be a health hazard.
SKIN: Not expected to be a health hazard from skin exposure.
INGESTION: Not expected to be a health hazard via ingestion.
INHALATION: No adverse health effects expected from inhalation.

CHRONIC HEALTH HAZARDS: No adverse health effects expected.



Safety Data Sheet

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MEDICAL CONDITIONS GENERALLY AGGRAVATED

BY EXPOSURE: No information found.

Section 3: Composition/Information on Ingredients

INGREDIENT: Fabric- Polyethylene Terephthalate/Polycaprolactum, Mat- Polypropylene copolymer
This product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

Section 4: First Aid Measures

EYES: Not expected to require first aid measures. Wash thoroughly with running water. Get medical advice if irritation develops.

SKIN: Not expected to require first aid measures. Wash exposed area with soap and water. Get medical advice if irritation develops.

INGESTION: Not expected to require first aid measures. If large amounts were swallowed, give water to drink and get medical advice.

INHALATION: Not expected to require first aid measures. Remove to fresh air. Get medical attention for any breathing difficulty.

Section 5: Fire-Fighting Measures

FIRE: Not considered to be a fire hazard. Liberates toxic gases when involved in a fire.

EXPLOSION: Not considered to be an explosion hazard

AUTOIGNITION TEMPERATURE: Approximately 508°C Polyethylene Terephthalate/350°C Polycaprolactum/570°C Polypropylene copolymer

EXTINGUISHING MEDIA: Water spray, Dry chemical, Carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters and others exposed to products of combustion should wear self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

FIRE & EXPLOSION HAZARDS: None

Section 6: Accidental Release Measures

ACCIDENTAL RELEASE MEASURES: Solid material, normal clean up procedure



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Section 7: Handling and Storage

HANDLING AND STORAGE: Polycaprolactum/Polypropylene copolymer- Keep away from sparks, heat, & flame. May react with strong oxidizing agents and should not be stored near such materials.

Polyethylene Terephthalate- Take measures to prevent the build up of electrostatic charge.

Section 8: Exposure Controls / Personal Protection

VENTILATION : Heat only in areas with appropriate exhaust ventilation.

RESPIRATORY PROTECTION: No personal respiratory protective equipment normally required.

EYE PROTECTION: Safety glasses with side-shields.

SKIN PROTECTION: Long sleeved clothing and/or protective gloves.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

EXPOSURE GUIDELINES: Not determined

Section 9: Physical and Chemical Properties

APPEARANCE: Mat: Black Fabric: Black

ODOR: Nil

PHYSICAL STATE: Solid

BOILING POINT: NA

FLASH POINT: Polypropylene copolymer >343°C (650 °F)

MELTING POINT: 258°C Polyethylene Terephthalate/220°C Polycaprolactum /130°C (266°F) Polypropylene

SPECIFIC GRAVITY: 1.38 Polyethylene Terephthalate/1.13 Polycaprolactum/ 0.905 Polypropylene

VAPOR PRESSURE/DENSITY: NA

SOLUBILITY IN WATER: Negligible

PERCENT SOLIDS BY WEIGHT: 100%

PERCENT VOLATILE: None

**VOLATILE ORGANIC
COMPOUNDS (VOC):** None

MOLECULAR WEIGHT: (192.2)_{g/mol} / (113.16)_{g/mol} / (42.8)_{g/mol}



Safety Data Sheet

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Section 10: Stability and Reactivity

STABILITY: Stable at ambient temperatures

CONDITIONS TO AVOID: Avoid direct contact with flame

INCOMPATIBILITY: Oxidizers

**HAZARDOUS DECOMPOSITION
OR BY-PRODUCTS:**

Polycaprolactum- Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

Polyethylene Terephthalate- Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

Polypropylene- Carbon monoxide, carbon dioxide, oxides of nitrogen, and hydrocarbons may be generated during thermal decomposition and combustion.

HAZARDOUS POLYMERIZATION: Will not occur

Section 11: Toxicological Information

TOXICOLOGICAL INFORMATION: Fabric is composed of two solid organic polymers. Mat is composed of one organic polymer.
No known physical or health hazards associated with the use of these products.

Section 12: Ecological Information

ECOLOGICAL INFORMATION: Does not biodegrade. Reclaim for reprocessing if possible.

Section 13: Disposal Considerations

WASTE DISPOSAL METHOD: Dispose of waste as non-hazardous solid waste in accordance with federal, state or provincial and local codes.

Section 14: Transport Information

**U.S. DEPARTMENT OF
TRANSPORTATION:**

Finished products manufactured by Mortar Net Solutions™ are not regulated by D. O. T.
when shipped domestically by land.

CANADIAN TDG INFORMATION: The Transportation of Dangerous Goods Classification for this product is: Not Regulated.



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Section 15: Regulatory Information

U.S. FEDERAL REGULATIONS: SARA Title III, Section 313: Not listed
NPCA/HMIS Rating: Health-0 (minimal); Flammability 1 (slight); Reactivity 0 (minimal)
NFPA Designation 704: Not rated

CANADIAN REGULATIONS: WHMIS Information: This product is not a “Controlled Product” under WHMIS.

Section 16: Other Information

OTHER INFORMATION: The information provided is correct to the best of our knowledge, information and belief at the date of its publication. This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. The information is given as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. User is responsible for determining whether the Mortar Net Solutions™ product is fit for a particular purpose and suitable for user’s method of use or application. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.



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Warranty

Seller warrants for 10 years from date of purchase that products shall be free from defects in material and workmanship at time of delivery, and conform to specifications for the products set forth at the time of order acceptance. Seller's liability for breach of warranty for products delivered hereunder that are proven by Buyer to be defective or proven by Buyer to be at variance with applicable specifications shall be limited, at Seller's option, to 1) replacing or repairing such materials, or 2) refunding the sales price received by Seller for such materials. In no event shall Seller be liable for 1) materials damaged in shipment or otherwise without fault of Seller, 2) defects in products due to negligence (other than that of Seller), accident, abuse, improper installation, care or storage, 3) damage to products which have been tampered with or altered in any way other than by Seller, 4) expenses incurred by Buyer in attempting to correct any defects in products prior to or after installation. This warranty is in lieu of any and all other warranties, express or implied, arising by law or custom, including but not limited to, the implied warranty of merchantability and the implied warranty of fitness for a particular purpose. Please contact Mortar Net Solutions™ regarding an Extended Warranty.