TYPAR® BUILDINGWRAP
THREE-PART SPECIFICATIONS

1. GENERAL

1.1 Summary

A. Includes but not limited to:
   1. Furnish and install weather-resistive barriers on exterior side of exterior wall sheathing as described in Contract Documents.

1.2 References

A. ASTM E1677-95 "Standard Specification for an Air Retarder (AR) Material or System for Low-Rise Framed Building Walls."
B. ASTM E96-90 "Standard Test Method for Water Transmission of Materials."
C. AATCC-127 "Hydrostatic Head Test."
D. ASTM D5733-9 Trapezoidal Test.
E. Air-Ins ASTM E283 Canadian Air Barrier Materials Standard.
F. ASTM D779 Dry Indicator Method, Water Penetration Resistance.

1.3 Submittals

A. Quality Assurance:
   1. Submit copies of test results showing performance characteristics equaling or exceeding those specified.

2. PRODUCTS

2.1 Water-Resistant Barrier

A. Spunbonded polypropylene weather membrane with a microporous coating, nonwoven, nonperforated.
B. Performance Characteristics:
   1. Gurley Hill [TAPPI T 460] [sec/100cc] >2500.
   2. Water Vapor Transmission 9-15 perms as tested by ASTM E96-90, Method A.
   3. Water penetration resistance of >500 cm on hydrostatic head in accordance with AATCC-127.
   4. Trapezoidal Test of 30/33 in accordance with ASTM D5733-9.
   5. Air-Ins <.02L/S·M² @ 75 PA.
   6. Dry Indicator Method ASTM D779 = to 24-hour rating.
C. Approved Manufacturers:
   1. TYPAR® Weather-Protection Membrane by Berry Global, Inc. www.TYPAR.com
D. Manufacturer's Warranty:
   1. Limited product and limited system warranty available depending on the application, see the TYPAR® Weather Protection System Limited Warranty located at www.TYPAR.com/downloads for warranty details.

2.2 Sealing Tape/Fasteners

A. Approved Tape Manufacturers:
   1. TYPAR® Construction Tape by Berry Global, Inc.
B. Recommended Sealants Against TYPAR® Logo-Side Coating:
   1. Elastomeric polymer-based, butyl rubber, rubber-based, meeting ASTM C920 evaluation.
C. Recommended Fasteners for Wood, Insulated Sheathing Board, Exterior Gypsum:
   1. Plastic cap nails.
   2. Plastic cap staples.
D. Recommended Fasteners for Steel Frame Construction:
   1. Rust-resistant screws with washers.
E. Recommended Fastening to Masonry:
   1. Sealant: Polyurethane-based, meeting ASTM C920 evaluation.
   2. Mechanical: Masonry fastener with washer.

3. EXECUTION

3.1 Installation

A. Install in accordance with manufacturer's instruction over exterior sheathing or open studs. Seal joints and penetrations through weather-resistive barrier with specified tape and fasteners prior to installation of finish material. Air infiltration barrier shall be airtight and free from holes, tears, and punctures. All window and door penetrations are to be flashed and sealed per ASTM 2112, AAMA guidelines and manufacturer instructions. Cover with exterior cladding within six months of installation.

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Please visit TYPAR.com for installation instructions and warranty information.
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