

# WRAPTOR®

## BUILDING WRAP

## WEATHER BARRIERS

DIVISION  
072500

### PRODUCT NAME

Wrapator® Building Wrap

### MANUFACTURER

**ISI BUILDING PRODUCTS**  
401 Truck Haven Road  
East Peoria, IL 61611  
866.698.6562 / [www.isibp.com](http://www.isibp.com)

### PRODUCT DESCRIPTION

#### BASIC USE

Wrapator Building Wrap is designed to protect exterior wall systems from bulk moisture infiltration. Wrapator is breathable and extremely tear resistant.

#### COMPOSITION & MATERIALS

Wrapator is micro-perforated, cross-woven polypropylene material.

#### SIZE

Standard Sizes: 3' x 100', 9' x 100', 3' x 150', 9' x 150'

#### WEIGHT

Approximately 17.2 lbs per 1,000 ft<sup>2</sup>

### TECHNICAL DATA

#### APPLICABLE STANDARDS

**TAPPI T-460** Air Resistance of Paper

**TAPPI T-410** Basis Weight

**ASTM E 96** Standard Test Method for Water Vapor Transmission of Materials

**ASTM D 882** Standard Test Method for Tensile Properties of Thin Plastic Sheeting

**ASTM D 1117** Standard Test Method for Evaluating Non-Woven Fabrics

**ASTM D 751** Standard Test Method for Coated Fabrics

**ASTM E 84** Standard Test Method for Surface Burning Characteristics of Building Materials

**AATCC 127** Water Penetration Resistance

### INSTALLATION

#### PLACEMENT

Align roll at bottom corner of structure. Roll should be plumb.

Bottom edge of roll must:

- Extend over sill plate interface by at least two inches
- Extend to bottom of sill plate for slab-on-grade foundations
- Be properly integrated with water drainage components, such as kick out flashing or weep screed (for stucco exteriors)

If bottom edge of roll is less than two inches over the sill plate interface, it is recommended to seal or skip-seal at the bottom of the wall. Unwrap roll starting at corner. Overlap all vertical seams a minimum of four inches. Horizontal seams should be overlapped a minimum of six inches. When installing over foam sheathing, fasteners should penetrate structural framing at least a 1/2 inch. Secure Wrapator to the stud or other nail-base material, i.e. wood sheathing using plastic cap fasteners. Securing along stud lines will assist in maintaining fastening pattern. For sixteen-inch OC framing, install fasteners along every other stud. For twenty-four-inch OC framing, install fasteners along every stud. Fasteners should be spaced at a maximum of thirty-two inches vertically. Penetrating band board or other horizontal members may be necessary to maintain fastening pattern. Do not install fasteners within six inches of the sills and jambs and within nine inches of the head of the window rough openings. Unroll directly over window and door rough openings. Upper layer of Wrapator should overlap bottom layer minimum of four inches.

**NOTE:** If windows are already installed, Wrapator must be integrated with proper shingling with window flashings. If aprons are used, install the Wrapator under the bottom of the sill flashing to maintain proper shingling. For window and door details, refer to flashing or window and door manufacturer.

#### PROTECTION

Wrapator should be covered with the exterior cladding as soon as it is practical (maximum one hundred and eighty days). When using Wrapator behind stucco, a lathe system should be employed. In moist or humid areas, check local codes for proper moisture control practices. Some areas may require two layers of building wrap and/or an additional drainage plane behind stucco finishes. Back-priming of wood or other porous siding is recommended before installing over building wrap.

These are general installation instructions. Instructions on architectural or structural drawings should be reviewed and followed. Detailed installation instructions can be obtained by calling the manufacturer at 866.698.6562 or visiting [www.isibp.com](http://www.isibp.com).

## WARRANTY

Warranty information can be obtained by calling the manufacturer at 866.698.6562 or visiting [www.isibp.com](http://www.isibp.com).

## MAINTENANCE

Requires no maintenance once installed.

## TECHNICAL SERVICES

Technical information and detailed test results can be obtained by calling the manufacturer at 866.698.6562.

## FILING SYSTEMS

Additional information can be obtained by calling the manufacturer at 866.698.6562 or visiting [www.isibp.com](http://www.isibp.com).

PROPERTIES TEST PROCEDURE (INDEPENDENT TEST FACILITY)	TEST METHOD APPLICABLE STANDARDS	RESULTS IP UNITS
MATERIAL	N/A	PP SCRIM/WHITE
THICKNESS	N/A	5 MILS (AVERAGE)
WEIGHT	ASTM D 751	1.92 oz./sq.yd. (+/- 5%)
TENSILE STRENGTH	ASTM D 5034	WARP: 52 lbs FILL: 29 lbs
TRAPEZOIDAL TEAR	ASTM 4533	WARP: 30 lbs FILL: 19 lbs
WATER RESISTANCE	ASTM 779	PASS
WATER VAPOR TRANSMISSION	ASTM E 96A	8-9 perms
UV RESISTANCE	AATCC 16 PART 3 LIGHT (100, 200, 300 HRS)	NO DEGRADATION OR LOSS OF STRENGTH <50% @ 144 HRS.

### WRAPTOR COMPLIES WITH THE FOLLOWING CODES AND/OR STANDARDS:

- 2018, 2015, 2012 INTERNATIONAL BUILDING CODE (IBC)
- 2018, 2015, 2012 INTERNATIONAL RESIDENTIAL CODE (IRC)
- THE REQUIREMENTS OF AC38 FOR WATER-RESISTIVE BARRIERS



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