



VERSION 18.2

SPECIFICATION INFORMATION
"WEATHER BARRIERS"
DIVISION
07 25 00

1 PRODUCT NAME

PRODUCT NAME: Wraptor®
House Wrap

2 MANUFACTURER

ISI BUILDING PRODUCTS

401 Truck Haven Road, East Peoria Illinois 61611
Phone: 866.698.6562 / Fax: 309.698-0065 / www.isibp.com

3 PRODUCT DESCRIPTION

3.1 BASIC USE

Wraptor is a cross-woven micro-perforated, polypropylene house wrap designed to protect exterior wall systems from bulk moisture infiltration.

Wraptor is breathable and extremely tear resistant.

3.2 COMPOSITION & MATERIALS

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

3.3 SIZE

Standard Sizes: 3' X 100', 9' X 100', 10' X 100'
3' X 150', 9' X 150', 10' X 150'

3.4 WEIGHT

17.2 lbs. per 1,000 sq. ft.

4 TECHNICAL DATA

ICC-ES EVALUATION REPORT ESR-3468

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

5 INSTALLATION

5.1 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 1" (2" or greater is recommended)

-Extend to bottom of sill plate for slab-on-grade foundations, or,

-Be properly integrated with water drainage components such as kick out flashing or weep screed (for stucco exteriors)

When bottom edge of roll is less than 2" 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 by 6-12". When installing over foam sheathing, fasteners should penetrate structural framing at least 1/2".

Secure Wraptor to the stud or other nail-base material, i.e. wood sheathing. Fasteners should be placed no closer than 6" and no farther than 18" on vertical stud lines. Securing along stud lines will assist in maintaining fastening pattern. Penetrating band board or other horizontal members may be necessary to maintain fastening pattern. Do not install fasteners within 6" of the sills and jambs and within 9" of the head of the window rough openings. Use one or more of the recommended fasteners below for use with Wraptor.

-Plastic caps, staples, nails

Unroll directly over windows and doors. Upper layer of Wraptor should overlap bottom layer by a minimum of 6".

NOTE: If windows are already installed, the Wraptor must be integrated with proper shingling with window flashings. If aprons are used, install the Wraptor under the bottom of the sill flashing to maintain proper shingling.

For window and door details refer to the Wraptor Installation Guide available from the manufacturer.

5.2 PROTECTION

Wraprotor should be covered with the exterior cladding as soon as it is practical (maximum 180 days).

When using Wraprotor 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 house wrap and/or an additional drainage plane behind stucco finishes.

Back-priming of wood or other porous siding is recommended before installing over house wrap.

These are very general installation instructions. Instructions on architectural or structural drawings should be reviewed and followed. Detailed installation instructions can be obtained by calling our corporate office at 866.698.6562 or online at www.isibp.com.

6 AVAILABILITY AND COST

Wraprotor is sold through construction supply houses and lumberyards across the United States and Canada.

Wraprotor current cost information can be obtained by calling our corporate sales office at 866.698.6562.

7 WARRANTY

Additional warranty information can be obtained by calling our corporate office at 866.698.6562 or online at www.isibp.com.

8 MAINTENANCE

Requires no maintenance once installed.

9 TECHNICAL SERVICES

Technical information and detailed test results can be obtained by calling ISI Building Products corporate office at 866.698.6562.

10 FILING SYSTEMS

Additional information can be obtained by calling our corporate office at 866.698.6562 or online at www.isibp.com.

PROPERTIES

TEST METHOD

RESULTS

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.
TRAPEZODIAL 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.

NOTE:

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