



## TECHNICAL DATA SHEET

PermaWrap™		Limited 10 Year Warranty	
TEST	PRODUCT SPECIFICATIONS		TEST METHOD
Composition	Woven Polypropylene		
Weight	2.2 oz/yd <sup>2</sup> (+/-5%)		ASTM D 751
Thickness	Avg. 6.5 mils		
Tensile Strength	MD 80 LB	CD 40 LB	ASTM D 5034
Tear Strength	MD 40 LB	CD 13 LB	ASTM D 5587
Water Resistance	Pass		ASTM D 779
MTVR/Perms	12 - 15 Perms		ASTM E 96A
UV Resistance	9 Months		
Fire Rating	Class A		ASTM E 84
Roll Sizes Other Sizes Available	WIDTH		LENGTH (ROLLS/PALLET)
	3'		100'(150), 150'(135), 195'(120)
	4.5'		100'(100), 150'(90), 195'(80)
	9'		100'(78), 150'(55), 195'(45)
	10'		100'(78), 150'(55), 195'(45)

### PermaWrap™ INSTALLATION GUIDELINES:

**FOR USE AS A REPLACEMENT FOR GRADE D PAPER AS A WATER RESISTIVE AND AIR INFILTRATION BARRIER**

**Meets the following certifications: Complies with ICC AC308 "Water-Resistive Barriers/Weather Barriers"**

**ICC report No. ESR-2514**

PermaWrap™ is installed after wall framing is completed and before or after windows and doors are installed. The printed side is installed facing the outside. The roll is placed approximately 6 inches (152 mm) from the starting corner and fastened to the sheathing using corrosion-resistant staples, corrosion-resistant nails, or corrosion-resistant nails or staples with plastic washer heads, spaced a minimum of 6 inches (152 mm) vertically. The material is unrolled around the building and fastened with nails or staples spaced between 36 inches (914 mm) and 48 inches (1,219 mm) on center at top and in the field of material. The material can either be attached 12 inches (305 mm) above the sill plate (left unattached below for installation of counter flashing) or tacked with nails or staples approximately 48 inches (1,219 mm) along the sill plate to secure before counter flashing is installed. A minimum of 6 inches (152 mm) of overlap must be provided for vertical seams and 2 inches (51 mm) for horizontal seams, except where the manufacturer's installation instructions specify a greater overlap dimension. When used over foam insulation boards, the house wrap must be fastened with roofing nails or other large-head nails long enough to penetrate through the insulation into the framing studs. When used over wood-based sheathing in exterior plaster applications, two layers of house wrap must be applied over sheathing in accordance with IBC Section 2510.6 or IRC Section R703.6.3. For cementitious coatings or exterior insulation and finish systems (EIFs), application must be in accordance with the evaluation report on the exterior coating.

**Disclaimer:** The information presented herein has been compiled from sources considered to be accurate and reliable but is not guaranteed to be so. In practice, the differences in materials, substrates, storage conditions, actual site conditions and other factors outside of Perma "R" Products' control are such that Perma "R" Products assumes no liability, nor makes any warranty, express or implied for such information, recommendations or instructions related to its products. It is the users responsibility to determine the suitability of any material for specific purpose and to adopt such safety precautions as may be necessary.

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