



## ICC-ES Listing Report

### ESL-1593

Reissued November 2024

*This listing is subject to renewal November 2025.*

**CSI:** DIVISION: 07 00 00 – THERMAL AND MOISTURE PROTECTION  
Section: 07 25 00 – Water-Resistive Barrier/Weather Barriers

#### Product Certification System:

The ICC-ES product-certification system includes evaluating reports of tests of standard manufactured product, prepared by accredited testing laboratories and provided by the listee, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee's quality system.

**Products:** KS HOUSE WRAP AND KS PREMIUMWRAP WATER-RESISTIVE BARRIERS

**Listee:** OKS POLY CO., LTD.

#### Additional Listee:

UFP DISTRIBUTION

**Evaluation:** KS Housewrap is a woven, perforated, polyolefin fabric with a polymeric coating on one side. It is produced in rolls of varying sizes and has a nominal weight of 65 gsm (1.92 ounces per square yard). KS Premiumwrap is a woven, perforated, polyolefin fabric with a polymeric coating on both sides. It is produced in rolls of varying sizes and has a nominal weight of 75 gsm (2.21 ounces per square yard). Both water-resistive barriers were evaluated to the following standard:

- CAN/CGSB-51.32-M77, Sheathing, Membrane, Breather Type, Canadian General Standards Board.

**Findings:** KS Housewrap and KS Premiumwrap water-resistive barriers were evaluated in accordance with the alternative solutions requirements in Section 1.2.1.1(1)(b) Division A of the applicable building code listed below, and met the detail requirements of Section 5 of CAN/CGSB-51.32-M77 as shown in Table 1 and as referenced in the applicable sections of the following code edition:

- *National Building Code of Canada*® 2020  
Applicable Sections: Volume 2 - Division B, Tables 5.9.1.1 and 9.26.2.1-A and Sections 9.20.13.9(1) and 9.27.3.2(1)

#### Identification:

1. The ICC-ES mark of conformity, electronic labeling, or the listing report number (ICC-ES ESL-1593), and when applicable, the ICC-ES Listing Mark, along with the name, registered trademark, or registered logo of the listee [and/or additional listee] must be included in the product label.
2. In addition, the KS Housewrap and KS Premiumwrap water-resistive barriers are identified by a label on each roll of membrane, and by printing on the product at regular intervals, that include the report holder's name (OKS Poly Co., Ltd.) and address, and the product name (See Table 2 of this report).
3. Alternatively, the products described in this report are identified by a label bearing the additional listee's name (UFP Distribution), the product name (See Table 2 of this report).

4. The report holder's contact information is the following:

**OKS POLY CO., LTD.**  
**50, 35GIL, SEONG SEO-RO, DAL SEO-GU**  
**DAEGU 42719**  
**SOUTH KOREA**  
**+82.53.582.1177**  
[www.okspoly.com](http://www.okspoly.com)

5. The additional listee's contact information is the following:

**UFP DISTRIBUTION**  
**2701 ADA DRIVE**  
**ELKHART, INDIANA 46514**  
**(574)256-3603**  
[www.ufpi.com](http://www.ufpi.com)

**Installation:** The products must be installed in accordance with the OKS Poly Co., Ltd.'s published installation instructions and Section 9.27.3.3. of Division B of *the National Building Code of Canada*® 2020 Volume 2.

**Conditions of listing:**

1. The listing addresses only conformance with the standard and code sections noted above.
2. Approval of the product's use is the sole responsibility of the local code official.
3. The listing applies only to the materials tested and as submitted for review by ICC-ES.
4. The water-resistive barriers are manufactured under a quality control program with inspections by ICC-ES.

**Table 1—CAN/CGSB-51.32-M77 TEST RESULTS FOR KS HOUSEWRAP AND KS PREMIUMWRAP WATER-RESISTIVE BARRIERS**

Product	Test	CAN/CGSB-51.32-M77 Section	Unit	Requirement	Result
KS Housewrap	Sheet Width	5.1	Mm	- 6 mm tolerance	PASS
	Pliability	5.2	n/a	No crack	PASS
	Tensile Strength	5.3	N/mm	≥ 3.5	7.9
	Water vapor permeance (WVP)	5.4	ng/Pa·s·m <sup>2</sup>	170≤WVP≤1400	277.26
	Water vapor permeance after accelerated (WVP)	5.5	ng/Pa·s·m <sup>2</sup>	WVP≤2900	530.74
KS Premiumwrap	Sheet Width	5.1	Mm	- 6 mm tolerance	PASS
	Pliability	5.2	n/a	No crack	PASS
	Tensile Strength	5.3	N/mm	≥ 3.5	8.7
	Water vapor permeance (WVP)	5.4	ng/Pa·s·m <sup>2</sup>	170≤WVP≤1400	274.03
	Water vapor permeance after accelerated (WVP)	5.5	ng/Pa·s·m <sup>2</sup>	WVP≤2900	288.71

**TABLE 2—COMPANY NAME AND PRODUCT NAME CORRELATION**

COMPANY NAME	PRODUCT NAMES	
OKS POLY CO.,LTD.	KS HOUSEWRAP	KS PREMIUMWRAP
UFP DISTRIBUTION	UFP HOUSEWRAP	UFP PREMIUMWRAP