



ICC-ES Listing Report ESL-1620

Issued August 2024

This listing is subject to renewal August 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: OKS XTRIMWRAP 90

Listee: OKS POLY CO., LTD.

Evaluation: The OKS Xtrimwrap 90 material is a nonperforated and microporous nonwoven polypropylene fabric with a monolithic polymer coating on one side. OKS Xtrimwrap 90 weighs 90 g/m² and is manufactured in rolls of varying sizes. The material was evaluated to the following standard:

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

Findings: The OKS Xtrimwrap 90 material was evaluated in accordance with the alternative solutions requirements in Volume 1, 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 1 - Division B, Table 5.9.1.1
Volume 2 – Division B, Section 9.27.3.2(1)

Identification:

1. The ICC-ES mark of conformity, electronic labeling, or the listing report number (ICC-ES ESL-1620), and when applicable, the ICC-ES Listing Mark, along with the name, registered trademark, or registered logo of the listee must be included in the product label.
2. In addition, OKS Xtrimwrap 90 material is identified by a label on each roll, 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.
3. 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

Installation: The products must be installed in accordance with the OKS Poly Co., Ltd.'s published installation instructions and Sections 9.20.13.9(1) and 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 OKS Xtrimwrap 90 material is manufactured under a quality control program with inspections by ICC-ES.

TABLE 1—CAN/CGSB-51.32-M77 TEST RESULTS FOR OKS XTRIMWRAP 90

Product	Test	CAN/CGSB-51.32-M77 Section	Unit	Requirement	Result
OKS XTRIMWRAP 90	Sheet Width	5.1	mm	- 6 mm tolerance	PASS
	Pliability	5.2	n/a	No cracks	PASS
	Tensile Strength	5.3	N/mm	≥ 3.5	3.84
	Water vapor permeance (WVP)	5.4	ng/Pa·s·m ²	170≤WVP≤1400	305
	Water vapor permeance after accelerated (WVP)	5.5	ng/Pa·s·m ²	WVP≤2900	380