

CCMC 13348-L

CCMC Standard compliance evaluation

CCMC number:	13348-L
Status:	Active
Issue date:	2009-01-21
Modified date:	2023-01-12
Evaluation holder:	<p>Holcim Solutions and Products Canada 6509 Airport Road Mississauga ON L4V 1S7 Canada Website: www.holcimelevate.com/ca-en Telephone: 1-888-292-6265 Email: roofing-ca-hbe@holcim.com</p>
Product names:	<ul style="list-style-type: none"> • Elevate UltraPly™ TPO • Elevate UltraPly™ TPO Flex Adhered • Elevate UltraPly™ TPO Flex SA • Elevate UltraPly™ TPO Platinum™ • Elevate UltraPly™ TPO SA
Evaluation requirements:	<u>ASTM D6878/D6878M-11a</u>

In most jurisdictions this document is sufficient evidence for approval by Canadian authorities.

[Learn more about CCMC recognition](#) [Look for the trusted CCMC mark on products to verify compliance.](#)

Product information

Product names

- Elevate UltraPly™ TPO
- Elevate UltraPly™ TPO Flex Adhered
- Elevate UltraPly™ TPO Flex SA
- Elevate UltraPly™ TPO Platinum™
- Elevate UltraPly™ TPO SA

Product description

All the membranes are single-ply, flexible thermoplastic polyolefin (TPO) membranes with polyester weft-inserted reinforcement, and are available in, depending on the membrane, thicknesses of 1.14 mm, 1.52 mm and 2.03 mm, widths of 1.5 m, 1.9 m, 2.4 m, 3.0 m and 3.8 m, and lengths of 15.2 m and 30.5 m.

Manufacturing plants

This evaluation is limited to products produced at the following plants:

Product names	Manufacturing plants	
	Tuscumbia, AL, US	Wellford, SC, US
Elevate UltraPly™ TPO	☑	☑
Elevate UltraPly™ TPO Flex Adhered	☑	-
Elevate UltraPly™ TPO Flex SA	☑	-
Elevate UltraPly™ TPO Platinum™	☑	☑
Elevate UltraPly™ TPO SA	☑	-

☑ Indicates that the product from this manufacturing facility has been evaluated by the CCMC

Technical information

This evaluation is based on demonstrated conformance with the following criteria:

Criteria number	Criteria name
ASTM D6878/D6878M-11a	Standard Specification for Thermoplastic Polyolefin Based Sheet Roofing

Additional Information

Wind uplift resistance of membrane-roofing assemblies

The wind uplift resistance performance rating is based on CAN/CSA-A123.21-14, “Standard Test Method for the Dynamic Wind Uplift Resistance of Membrane-Roofing Systems.”

The following membranes used in the roofing assembly achieved a factored dynamic wind uplift resistance of either –2.4 kPa (–50 psf) or –3.19 kPa (–66.7 psf), depending on the assembly, when using CAN/CSA-A123.21 test method 2 for Adhesive Apply Roof Systems (AARS):

- Elevate UltraPly™ TPO Flex Adhered
- Elevate UltraPly™ TPO
- Elevate UltraPly™ TPO SA

For details on the roofing assembly, see PRI Construction Materials Technologies test report FBP-393-02-01.

The following membranes used in the roofing assembly achieved a factored dynamic wind uplift resistance of –2.4 kPa (–50 psf) when using CAN/CSA-A123.21 test method 2 for AARS:

- Elevate UltraPly™ TPO Platinum™

For details on the roofing assembly, see EXP Services Inc. test report FPBS-DRC-00225611-04-5100.

The following membranes used in the roofing assembly achieved a factored dynamic wind uplift resistance of –2.9 kPa (–60 psf), when using CAN/CSA-A123.21 test method 2 for Adhesive Apply Roof Systems (AARS):

- Elevate UltraPly™ TPO Flex SA

For details on the roofing assembly, see NEMO etc. test report 2b-FBP-21-LSWUD-02.A.

The following membranes used in the roofing assembly passed all levels with a factored dynamic wind uplift resistance of –3.2 kPa (–67 psf) when using CAN/CSA-A123.21 test method 1 for Mechanically Attached Roof Systems (MARS):

- Elevate UltraPly™ TPO
- Elevate UltraPly™ TPO Platinum™

For details on the roofing assembly, see EXP Services Inc. test report FPBS-DRC-00225611-02-5100.

Administrative information

Disclaimer

This evaluation is issued by the Canadian Construction Materials Centre (CCMC), part of the Construction Research Centre at the National Research Council of Canada (NRC). The evaluation must be read in the context of the entire [CCMC Registry of Product Assessments](#) and the legislated applicable building code in effect.

The CCMC was established in 1988 on behalf of the applicable regulator (i.e., the provinces and territories) to ensure—through assessment—conformity of alternative and acceptable solutions to regional building codes as determined by the local authority having jurisdiction (AHJ) as part of the issuance of a building permit.

It is the responsibility of the local AHJs, design professionals, and specifiers to confirm that the evaluation is current and has not been withdrawn or superseded by a later issue. Please refer to [the website](#) or contact:

Canadian Construction Materials Centre

Construction Research Centre
National Research Council of Canada
1200 Montreal Road
Ottawa, Ontario, K1A 0R6
Telephone: 613-993-6189
Fax: 613-952-0268

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Language

Une version française de ce document est disponible.

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CCMC recognition

The Canadian Construction Materials Centre (CCMC) assesses compliance with Canadian building, energy and safety codes. We are the only construction code compliance service supported and operated by the Government of Canada. Trusted by over 6,000 regulators across Canada.

Most Canadian authorities having jurisdiction (AHJs) consider CCMC product assessments acceptable as evidence for product approval.

CCMC assessments are recognized by construction authorities across Canada:

Alliance of Canadian Building Official Associations (ACBOA)



(Alliance of Canadian Building Official Associations (ACBOA))

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Canadian Home Builders' Association (CHBA)



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(Alberta Building Officials Associations (ABOA))

Saskatchewan Building Officials Association (SBOA)



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(Manitoba Building Officials Association (MBOA))

Ontario Building Officials Association (OBOA)



(Ontario Building Officials Association (OBOA))

New Brunswick Building Officials Association (NBBOA)



(New Brunswick Building Officials Association (NBBOA))

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(Nova Scotia Building Officials Association (NSBOA))

The CCMC provides code compliance assessments to Canadian code requirements, consulting nationwide with construction regulators to elicit regional variations in code requirements as well as provincial and local interpretations. Users are advised to review the technical information presented in CCMC assessments when making approval decisions. [Learn more about how the CCMC provides a unique service for Canada.](#)

For more information, contact the CCMC by phone at (613) 993-6189 or by email at ccmc@nrc-cnrc.gc.ca