



Evaluation Listing CCMC 11826-L L-P SmartSide lap and L-P SmartSide panel

MasterFormat:	07 46 30
Evaluation issued:	1988-09-27
Re-evaluated:	2018-02-28

1. Evaluation

The products conform to CSA O437.0-93, Grade O-2.

2. Description

The products are oriented strand board (OSB) siding planks and panels with the face strands oriented in the machine (long panel) direction. The flakes are treated with zinc borate and bonded with an exterior isocyanate resin (see CCMC 12009-R). The siding planks and panels are finished on the exterior face with a phenolic-resin-saturated primed overlay. The siding planks and panels have an approximate density of 640 kg/m³. “L-P SmartSide lap” is available in planks that are 152 mm, 203 mm, 241 mm or 305 mm wide, 9.5 mm or 11.1 mm thick, and 4 874 mm long. “L-P SmartSide panel” is available in panels that are 1 219 mm wide, 9.5 mm or 11.1 mm thick, and 1 219 mm to 5 486 mm long.

3. Standard and Regulatory Information

See the Annex, appended to this Listing, which summarizes the product standard.

This/these product(s) was/were evaluated to the product standard referenced in the Annex current as of 2014-04-22. Note that the Annex may have been updated since this Listing was issued to include more recent editions of the applicable product standard. Therefore this Listing may not reflect the requirements contained in any updated version of this product standard.

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OSB and Waferboard Cladding [Annex]

MASTERFORMAT: 07 46 30

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Scope

These Evaluation Listings apply to a class of mat-formed panelboards made predominantly of wood wafers or strands of minimum and controlled length, controlled thickness, and variable or predetermined width, and are bonded together with a waterproof and boilproof binder. The class comprises two types: waferboard, consisting wholly of randomly placed wafers or strands, and oriented strandboard (OSB) containing layers of aligned wafers or strands.

Standard

The proponent has demonstrated that the product meets the requirements of the following standard:

- CSA O437.0-93, “OSB and Waferboard”

The standard prescribes minimum or maximum, physical and mechanical property levels for three grades of OSB and waferboard. Grades R-1, O-1 and O-2 are not end-use specific.

Requirements for cladding panels conforming to CSA O437.0-93 are shown in Tables 1 and 2.

Table 1. Requirements for Grades R-1 and O-1

Maximum Framing Member Spacing (mm)	Nominal Thickness (mm)						
	6.35	7.9	9.5	11.1	12.7	15.9	19.0
Applied directly to sheathing	n/a ¹	X ²	X	X	X	X	X
400	n/a	n/a	X	X	X	X	X
600	n/a	n/a	n/a	n/a	X	X	X

Notes to Table 1:

¹ n/a means not applicable

² X means permitted application

Table 2. Requirements for Grade O-2

Orientation	Maximum Framing Member Spacing (mm)	Nominal Thickness (mm)									
		4.0	4.7	6.0	7.5	8.0	9.5	11.0	12.5	15.5	18.5
Face orientation parallel to support	Applied directly to sheathing	n/a ¹	n/a	X ²	X	X	X	X	X	X	X
	400	n/a	n/a	n/a	n/a	X	X	X	X	X	X
	600	n/a	n/a	n/a	n/a	X	n/a	X	X	X	X
Face orientation perpendicular to support	400	n/a	n/a	X	X	X	X	X	X	X	X
	600	n/a	n/a	n/a	n/a	X	X	X	X	X	X

Notes to Table 2:

- 1 n/a means not applicable
2 X means permitted application

Labelling

The OSB and waferboard must be marked with the following information:

- manufacturer's name or logo;
- appropriate CSA designation;
- words "Exterior Bond" or "Ext Bond";
- grade mark;
- direction of face alignment;
- nominal thickness; and
- CCMC Evaluation Listing number.

National Building Code of Canada**NBC References**

CSA O437.0-93 is referenced in Tables 5.10.1.1., 9.23.17.2.A. and A-13 to A-15, Sentences 9.23.15.2.(1), 9.23.15.4.(2), 9.23.16.2.(1), 9.23.16.3.(2), 9.27.10.1.(1), 9.29.9.1.(2), and 9.30.2.2.(1) of Division B of the NBC 2010.

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