



Evaluation Listing CCMC 12244-L Architectural, Cedar, Estate, Journeymen, Royal® Crest, Royal® Woodland, Residential

MasterFormat:	07 46 33.01
Evaluation issued:	1991-05-13
Re-evaluated:	2016-02-29
Revised:	2018-07-11

1. Evaluation

The product conforms to CAN/CGSB-41.24-95, “Rigid Vinyl Siding, Soffits and Fascia.”

2. Description

The product is a single wall, interlocking, exterior cladding system made of polyvinyl chloride for use in wall and soffit applications.

The product is manufactured with a normal thickness of 1.0 mm. The horizontal profiles submitted were D4, D4.5, D5 and T3, in widths of 203 mm, 229 mm and 254 mm. Also available are single 203-mm or 254-mm vertical profiles as well as 203-mm-, 254-mm- and 305-mm-wide solid and vented soffit profiles.

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 2015-04-16. 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.

Listing Holder

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Rigid Vinyl Siding, Soffits and Fascia [Annex]

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Scope

These Evaluation Listings apply to vinyl siding as a flexible material used for exterior wall cladding of buildings. This standard applies to extruded sections produced from rigid compound of poly(vinyl chloride) intended as siding, soffits and fascia. Its wide range of characteristics includes good durability, light weight and minimal maintenance. It is available in a variety of profiles, colours and surface textures.

Standard(s)

The proponent has demonstrated that the product meets the requirements of CAN/CGSB-41.24-95, "Rigid Vinyl Siding, Soffits and Fascia."

Table 1. Performance Requirements

Property		Unit	Requirement	
Material (physical properties)	Impact resistance (Izod)	Class 1 compound	≥ 80.1	
		Class 2 compound	≥ 266.9	
	Tensile strength	Class 1 compound	≥ 44.9	
		Class 2 compound	≥ 37.7	
	Modulus of elasticity	Class 1 compound	≥ 2 483	
		Class 2 compound	≥ 2 208	
	Heat deflection temperature	Class 1 compound	≥ 70	
		Class 2 compound	≥ 70	
	Thermal expansion coefficient		mm/mm °C	≤ 8.1 × 10 ⁻⁵
Flammability	extent of burning	mm	≤ 25	
	time of burn	s	≤ 10	
Siding, soffits and fascia properties	Colour		—	Consistent and uniform
	Specular gloss	smooth siding	—	> of 10 % or 5 points from specified value
		embossed siding	—	> of 15 % or 8 points from specified value
	Shrinkage	siding	%	≤ 3.0
		accessories	%	≤ 3.0
	Warpage	top edge	mm	≤ 3.0
		bottom edge	mm	≤ 3.0
	Weatherability		—	No peeling, flaking, chipping or pitting
	Thickness (exposed face)	single wall	mm	≥ 1.0
double wall		mm	≥ 0.7	
Thickness (at nailing slot)	single wall	mm	≥ 0.9	
	double wall	mm	≥ 0.9	

Property			Unit	Requirement	
Impact resistance	at 23°C	single wall	J	≥ 9.0	
		double wall		≥ 6.3	
	at 0°C	single wall	J	≥ 6.8	
		double wall		≥ 4.8	
	Surface distortion			50°C for whites/ 55°C for colours	Surface must be free from bulges and ripples
	Low temperature flexibility			—	No cracking or splitting
	Low temperature shearability			—	No cracking or splitting
	Fastener hole size			mm	≥ 25 in length
Fastener hole spacing			mm	≤ 50 centre-to-centre	
Drain opening	major dimension		mm	≥ 3.0	
	minor dimension		mm	≥ thickness of base material	
	spacing		mm	≤ 450	

Labelling

The vinyl siding is identified on the packaging with the following information:

- manufacturer's name or logo;
- product's tradename(s);
- colour of siding;
- quantity (expressed in terms of effective coverage); and
- CCMC Evaluation Listing number.

National Building Code of Canada (NBC)

NBC References

CAN/CGSB-41.24-95 is referenced in Table 5.9.1.1. and Sentence 9.27.12.1.(1) of Division B of the NBC 2015.