



# Evaluation Listing CCMC 13136-L

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## Pro-Cell Type 2

### 1. Evaluation

Conforms to CAN/ULC-S703-01, “Cellulose Fibre Insulation (CFI) for Buildings,” Type 2. The thermal resistance value to be used for both applications (stabilized cellulose and wall spray) is  $25.4 \text{ m}^2\cdot\text{KW}^{-1}/\text{m}$  at the respective design densities. The design densities are within  $\pm 10\%$  of the average limiting design densities for the Vars, Ontario and Debert, Nova Scotia plants.

The product is to be applied according to the following coverage charts.

Coverage Chart for Open-Space Stabilized Cellulose			
RSI Value ( $\text{m}^2\cdot\text{K}/\text{W}$ )	Minimum Applied Thickness (mm)	Mass Per Unit Area ( $\text{kg}/\text{m}^2$ )	Maximum Net Coverage per 11.3-kg Bag ( $\text{m}^2$ )
2.1	83	1.9	5.9
3.5	138	3.1	3.6
5.6	220	4.9	2.3
7.0	276	6.2	1.8

Coverage Chart for Closed-Cavity <sup>(1)</sup> Wall Spray			
Wall Stud Size (mm)	RSI Value ( $\text{m}^2\cdot\text{K}/\text{W}$ )	Mass Per Unit Area ( $\text{kg}/\text{m}^2$ )	Maximum Net Coverage per 11.3-kg Bag ( $\text{m}^2$ )
38 x 89	2.3	2.0	5.5
38 x 140	3.6	3.2	3.5

(1) Coverage values are net values and contain no allowance for wall openings or framing type, size or spacing. For further information, please contact the manufacturer.

The product shall be installed as outlined in the Preface.

### 2. Description

The product is a Type 2, cellulose-fibre, thermal building insulation that is made from paper or paperboard stock and modified with chemical additives. The product is sprayed with water into open spaces (stabilized cellulose) or into a cavity that will be closed (wall spray). The nominal amount of water to be added to the material is: 1.0 L per bag for

stabilized cellulose and 1.5 L per bag for wall spray. The design densities are: 22.4 kg/m<sup>3</sup> for stabilized cellulose and 22.9 kg/m<sup>3</sup> for wall spray.

### **3. Standard and Regulatory Information**

See the [Preface](#) and the standard for explanation.

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Plant(s): Vars, ON  
Debert, NS

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