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 Research and Development  
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Mr. Jacques Girard  
 Produits Forestiers Lamco Inc.  
 760 Chemin de la Moraine  
 St-Felicien, Quebec G8K 0A1

Dear Mr. Girard,

This letter responds to the inclusion of adhesive heat durability performance requirements in ICC-ES AC14 "ICC-ES Interim Criteria for Prefabricated Wood I-Joists," ASTM D 5055-13, "Standard Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists," and ASTM D 5456-12 "Standard Specification for Evaluation of Structural Composite Lumber Products." We are pleased to inform you that Cascophen® AG-5600Q series when catalyzed with Cascophen® FM-6310L surpasses all requirements of ASTM D7247-07a.

Adhesive System	Status <sup>1</sup>
Cascophen® AG-5600Q with Cascoset® FM-6310L	Passed
Cascophen® AG-5675Q with Cascoset® FM-6310L	Passed

<sup>1</sup> The tested specimens were required to retain a residual shear strength ratio equal to or higher than the lower 95% confidence interval on the mean residual shear strength ratio for the solid wood control specimens

Based on Section 4.1.2 of AC14, Section 5.4.3.1 of ASTM D 5055-13 and Section 4.3.1.1 of ASTM D 5456-12, specimens must be tested at a minimum temperature of 220°C (428°F) for a minimum of 10 minutes or until a residual strength ratio for the solid wood control specimens of 30±10% has been achieved. **A temperature of 232°C (450°F) for 60 to 90 minutes was used.**

**A Finger jointed Stud wall assembly bonded with Cascophen AG 5675Q/ Cascoset FM6310L has been tested to ASTM D7374-08, Standard Practice for Evaluating Elevated Temperature Performance of Adhesives Used in End-Jointed Lumber, supporting an E-119 method A total load of 23,100lbs for 65 minutes and 45 seconds. This adhesive system is therefore recognized by the Canadian Lumber Standards Accreditation Board and the American Lumber Standards Committee as a heat resistant adhesive, and is HRA rated.**

Please do not hesitate to contact me if you require more information.

Regards,

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