



## CANADIAN LUMBER STANDARDS ACCREDITATION BOARD

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### MEMORANDUM

**To:** CLSAB Members  
**From:** Chuck Dentelbeck, President & CEO  
**Date:** July 10, 2018  
**Subject:** CLSAB Accepted Adhesives for HRA Labelling

The following Adhesives are currently accepted for HRA Labelling:

### Adhesives Accepted by CLSAB for HRA labelling

#### Method of Evaluation

#### ASTM D7374 - 08<sup>1</sup> Standard Practice for Evaluating Elevated Temperature Performance of Adhesives Used in End-Jointed Lumber

Product	Submitting Agency	Approval Date
a. HEXION - MR84A / Catalyst M-605LY <ul style="list-style-type: none"><li>Melamine-based adhesive system</li><li>Very unique high solids formulation</li><li>Also excellent for hot pressing and radio-frequency curing</li><li>Provides superior water resistance</li></ul>	COFI	17-Sep-07
b. DYNEA - PREFERE 4720/5025A MELAMINE (KNOWN AS FRANKLIN ADVANTAGE 500 MF) <ul style="list-style-type: none"><li>Melamine Formaldehyde Adhesive</li><li>Laminates and composites including glue laminate products (beams, I-joists, structural finger joints)</li></ul>	AFPA	17-Sep-07
c. HEXION - MR84A / Catalyst M-610LY <ul style="list-style-type: none"><li>Melamine-based adhesive system</li><li>Provides superior water resistance</li><li>Designed for ambient cure of end-jointed lumber/structural fingerjoints</li><li>Very unique high solids formulation</li></ul>	QFIC	15-Oct-07
d. HEXION - MELAMINE-FORMALDEHYDE MF-3L/610LY <ul style="list-style-type: none"><li>Radio frequency curable melamine-resorcinol-formaldehyde (MRF) system</li></ul>	QFIC	27-Oct-07
e. HEXION – PRF / AG-5675Q / Catalyst FM-6310L <ul style="list-style-type: none"><li>Liquid phenol-resorcinol-formaldehyde resin with para-formaldehyde, ready-to-use liquid hardener</li><li>Designed for gluing structural wood members when fast cure times are desirable</li></ul>	QFIC	15-Nov-07
f. HEXION - AG-5635Q with Catalyst LQ-100 <ul style="list-style-type: none"><li>Melamine-based adhesive system</li><li>Very unique high solids formulation</li><li>Designed for ambient cure of end-jointed lumber/structural fingerjoints</li><li>Provides superior water resistance</li></ul>	QFIC	21-Jan-08
g. HENKEL PURBOND HB E032 (3074-2) <ul style="list-style-type: none"><li>Polyurethane adhesive</li><li>All grades and species of end-jointed lumber</li></ul>	CMSA	28-Feb-08
h. HEXION WONDERBOND® EPR-20 VS/M-318LY <ul style="list-style-type: none"><li>Designed for high speed coldest finger jointing</li><li>Long pot life for pressure pot delivery</li></ul>	QFIC	7-Jan-09

July 2, 2018

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i. PURBOND GT 20 (resin) and PURBOND GT 205 (Catalyst) <ul style="list-style-type: none"> <li>• 2 part Structural Urethane Hybrid Adhesive</li> <li>• Can be cold pressed, hot pressed, or radio frequency (RF) cured</li> <li>• The pot life of this 2 part adhesive is relatively short, therefore the use of a meter mixing unit, just prior to application, is recommended</li> </ul>	OLMA	14-Sep-17
j. FRANKLIN ADVANTAGE EP-950A emulsion with hardener 200 <ul style="list-style-type: none"> <li>• Acrylic-based emulsion polymer isocyanate system</li> <li>• Water and Heat resistance</li> <li>• Can be utilized in cold and hot press equipment</li> <li>• Must be mixed at the rate indicated by the manufacturer</li> </ul>	OLMA	14-Sep-17
k. HEXION CASCOPHEN LT-5210J with hardener CASCOSSET FM-7400 <ul style="list-style-type: none"> <li>• Liquid PRF Resin</li> <li>• Application PRF for wood fingerjoint and I-joist</li> </ul>	OLMA / QFIC	17-Nov-17
l. HENKEL LOCTITE® UR 5150 NA <ul style="list-style-type: none"> <li>• Formaldehyde free one-component liquid</li> <li>• Transparent glue line</li> </ul>	CMSA	27-Jun-18

**1 - ASTM D7374 - 08** - designed to minimize the variables in test wall assemblies to ensure that adhesive systems are isolated for qualification. Adhesives that meet this standard can be adopted by any manufacturer with any wood species or grade and any finger joint geometry, and their end-jointed lumber manufactured with the adhesive may be stamped "heat resistant adhesive" (or "HRA") without any further fire testing.