#### August 2, 2016

Fr: Bill Hosko – owner Music Forest Café 151 E 7<sup>th</sup> St, Saint Paul, MN 55101

Re: Re-inspection Fire Certificate of Occupancy

Ref. # 100340

The two products below appear to be suitable for spraying on the interior decorative dead/bare trees inside Music Forest Café. The trees as are, are clean. There is no accummulation of dirt, grass or leaves. Using a scissor-lift, after the walls have been covered with plastic and all furnishings and artworks are removed, the trees will be sprayed in their entirety with compressed air to clear away any accumulated dust before the approved fire retardant product is applied by spray pump over the trees in their entirety surfaces. These products were found via an online search — 'RDR Technologies, fire retardant sprays, paints and coatings, 1-405-702-0055'.



## FX Lumber Guard FIRE RETARDANT COATING

is formulated for interior fireproofing wood, Lumber, Plywood, Reclaimed Wood, OSB, MDF, Trusses, Truss Joists, I-Joists, Trim, Moldings, Doors, Cabinets, Wood Framing, Furniture and many others. It is effective on pine, oak, fir, birch, red oak, maple, cherry, poplar, walnut, ash, hickory, cedar, red wood, mahogany and much more. 'Class A Retardant' according to ASTM E84 Extended 30 Minute Test.

Interior / Exterior Fire Retardant for I-Joist, SYP, Rim Board, PSL, LVL, Glulams, Wood, Lumber & Plywood: Yellow Pine, Oak, Cedar, Redwood, SPF, OSB, Fir, MDF, Particle Board and other porous species of softwoods / hardwoods & Sheathings. Exterior use for low moisture areas.

ASTM E84 - 30 minute tested, ASTM E2768 - 30 minute tested Class A / Type 1, ASTM E119 - 1 hour rated ASTM E119 I-Joist IRC 501.3 17 minute rated, NFPA 255/286, ANSI/UL723 & UBC 42.1 • CAN/UL S102 Class A

#### Application process:

Material to be treated must be clean & dry before treating. Agitate product before and during application. Apply FX Lumber Guard as it's received. FX Lumber Guard maybe sprayed on with a low pressure hand pump sprayer, rolled on with paint roller or brushed on with a paint brush at a rate of 300-350 sf per gallon depending on material being treated. (Vertical spraying) Start from the bottom and work up as there is less run off this way. Multiple coats may be necessary. If so, wait for the first coat to dry completely (12-32 hrs depending on weather) before applying other coats. Rinse equipment & wash hands with soap and water. If you have any questions contact manufacturer.

151 E. 7th St.



### FX FLAME GUARD CLEAR TOP COAT FIRE RETARDANT

Clear Coat Fire Retardant used for Interior and Exterior porous/non porous surfaces. For Lumber, Plywood, Thatching and Bamboo, Painted or Stained Surfaces, Card Board, Corrugated Board and more. Polymer-based intumescent clear topcoat.

ASTM E84 (30 Minute) Test, Standard Rain Submitted, NFPA 255 703, ANSI/UL 723 and UBC 42.1. Class A Rated Application Process:

Ensure that all materials to be treated are clean and dry prior to application. Agitate coating before and during application. Apply Flame Guard in a very well ventilated area, if necessary, use respirator if adequate ventilation is not possible to keep exposure to particulate matter to a minimum. Apply Flame Guard as it is received. May be brushed on, rolled on or sprayed on with a pump sprayer. Coverage rate is 350-375 sf per gallon depending on material being treated. When spraying start from the bottom and work upwards. When doing multiple coats, wait for the first coat to cure before beginning the next application. First coat will require 24 to 32 hours drying period. Drying times will vary due to weather conditions (temp, humidity & wind). It's recommended to wear gloves & safety glasses when handling FX Flame Guard or chemicals of any type.

July 18-19, 2016

# Music Forest Café – views of interior trees

