

July 26, 2004

Revised: September 16, 2004

Mr. Hussam Kaddoura, B.Com., CMA Korolite Engineered Panel Structures Ltd. 19402 – 56th Avenue Surrey, B.C. V3S 6K4

Report No.: 3060347

Full-Scale Room Burn Conducted at NRC

Dear Sir:

On June 28th, 2004, our inspector Mr. Paul Martineau wittnessed at NRC in Almonte, Ontario the construction of a room built by Korolite Engineered Panel Structures Ltd. The people on site for Korolite Engineered Panel Structures Ltd. were Mario Cormier and Denis Tremblay. The room was built using panels that had been identified by Intertek representative Chris Bowness on June 9th, 2004.

The test was conducted on July 8th, 2004 in accordance with ULC/ORD C376. We witnessed the test in presence of the client.

The room had 1 sprinkler with water pressure at 7 psi delivering 55 liters of water/min.

Test was successful, a full report from NCR will be issued in August. Our observations during the test were as follow:

- 1) 60 sec back ground data
- 2) Ignition
- 3) 40 sec sprinkler on
- 4) 1:40 sec smoking outside bottom corner
- 5) 2:14 smoke top joint
- 6) 4:00 min. corner is charred bottom to top approx 8" X 8"
- 7) 5:40 Back corner no more smoke at bottom only top half.
- 8) 8:00 Flaming happening in corner
- 9) 11:00 Heptone over flowing due to water accumulation in pan.
- 10) 13 min. flowing out side top corner 18"
- 11) 15 min Fire extinguished with a pad
- 12) 16 min. Fire extinguished with Fire extinguisher
- 13) 17 min back out side corner extinguished
- 14) Test passed.

1...2



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Post-test observations:

Roof sagged by about 4".

Corner metal distorted enough to see inside; the corner is empty.

Confident that this is to your complete satisfaction, we remain available for any additional information.

Yours truly,

INTERTEK TESTING SERVICES NA LTD.

Michael van Geyn, A.Sc.T.

Manager - Fire Testing & Technical Programs

MVG/bjm

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