**SPECIFICATIONS for APPLIED FIREPROOFING**

**Part 1 General**

* 1. **REFERENCES**

.1 Underwriters Laboratories of Canada (ULC)

 .1 CAN/ULC-S101, 1989.

 .2 CAN/ULC-S102, 1988.

* 1. **TEST REPORTS**

.1 Submit product data, including certified copies of test reports verifying fireproofing applied to substrate as constructed on project, will meet or exceed requirements of Specification.

.2 Submit test results in accordance with CAN/ULC-S101 for fire endurance and CAN/ULC-S102 for surface burning characteristics.

.3 For assemblies not tested and rated, submit proposals based on related designs using accepted fireproofing design criteria.

* 1. **PROTECTION**

.1 Provide temporary enclosures to prevent spray from contaminated air beyond application area.

.2 Protect adjacent surfaces and equipment from damage by overspray, fall-out, and dusting of fireproofing materials.

**Part 2 Products**

**2.1 MATERIALS**

.1 Sprayed fireproofing: ULC certified **cementitious fireproofing** qualified for use in ULC Designs specified. Product to have a minimum 1 hour fire rating.

.2 Curing compound: type recommended by fireproofing manufacturer, qualified for use in ULC Designs specified.

.3 Sealer: type recommended by fireproofing manufacturer, qualified for use in ULC Design specified.

.4 Paint: type suitable for painting sprayed fireproofing installed. *Colour: blue, to match #7408 “Sunrise River”, by Cloverdale.*

**Part 3 Execution**

**3.1 PREPARATION**

 .1 Substrade shall be fee of material, which would impair bond.

.2 Verify that painted substrates are compatible hand have suitable bonding characteristics to receive fireproofing.

 .3 Remove incompatible materials.

.4 Ensure that items required to penetrate fireproofing are placed before installation of fireproofing.

.5 Ensure that ducts, piping, equipment, or other items which would interfere with application of fireproofing are not positioned until fireproofing work is completed.

**3.2 APPLICATION**

.1 Fireproofing shall be applied to all surfaces from which asbestos-containing fireproofing was removed under this contract.

 .2 Apply bonding adhesive or primer to substrate if recommended by manufacturer.

.3 Apply fireproofing over substrate, building up to required thickness to cover substrate with monolithic blanket of uniform density and texture.

.4 Apply fireproofing directly to open web joists without use of expanded lath.

.5 Tamp smooth, surfaces visible in finished work.

.6 Apply curing compound to surface of cementitious fireproofing as required by manufacturer.

.7 Apply sealer to surface of mineral fibre fireproofing as required by manufacturer where fireproofing is to be painted and as indicated.

.8 Apply paint to surface of mineral fibre fireproofing as required by manufacturer.

**3.3 INSPECTION**

 .1 Inspection of fireproofing will be carried out by Consultant.

**END OF SECTION**