



## FRC-324 TECHNICAL DATA SHEET

**DESCRIPTION** FRC-324 is a clear, water-based fire protection coating. Acrylic copolymer resins enable FRC-324 to be used in both interior and weather-exposed environments. This coating can be used with or without primers and can be applied over previously stained or varnished medium sheen surfaces.

**TYPICAL USES** FRC-324 was developed to protect wood and paper surfaces against fire, and where wood grain, patterns, and historical artwork must remain visible. Shingle siding, boat and aircraft interiors, and wood furniture are all suitable substrates.

**SURFACE PREPARATION** Surface must be clean and free of grease, oils, dirt and loose paint must be removed prior to coating with FRC-324.

**MIXING** Prior to application, FRC-324 should be stirred until uniform.

**APPLICATION & CLEAN-UP** FRC-324 may be applied by brush, dipping, or spray. Ordinary “backpack” sprayers are suitable. Product can be thinned with potable water and using only enough to prevent runs.

FRC-324 should not be applied below 60 degrees Fahrenheit/16 degrees Celsius.

Spray equipment should be flushed with warm water after use. Brushes should be cleaned with warm water. Adding liquid dish detergent to warm water is helpful.

**CURE TIME** FRC-324 will be dry to touch within 30 minutes of application when ambient temperature is at or above 68 F/20 C. Applying a second coat is possible an hour after

application as long as ambient temperature is at or above 68 F/20 C.

**COVERAGE** 100 – 150 square feet/9.3 – 13.9 square meters (depending on surface roughness and porosity) per coat. 2 coats required for 10 mil (0.01 inch/0.24 mm) dry-film thickness.

**TESTS & CERTIFICATIONS** ASTM E84 Class A on T1-11 cedar panel cladding

### PHYSICAL DATA

- Density: 9.3 lbs. /gallon
- Solids content > 35%
- Viscosity: thixotropic
- Product is alkaline, use protection for eyes and body.
- VOC less than 1%

**SAFETY PRECAUTIONS** Wear safety goggles when applying FRC-324. Especially when spraying. Rinse eyes with warm water if coating is in contact with eyes. Do not drink coating or eat dried coating. **NOTE: if ingested: Call for medical treatment.**

**STORAGE & DISPOSAL** Keep containers out of direct sunlight and out of reach of children and animals. Protect from freezing.

Water used to clean spray equipment, tools and left over containers of FRC-324 should be allowed to dry. Dispose of in an approved landfill.

### INGREDIENTS

- water
- Acrylic resin
- Additives
- Other components