



FRC-515 TECHNICAL DATA SHEET

DESCRIPTION FRC-515 is a semi-clear, water-based fire protection coating. Acrylic copolymer resins enable FRC-515 to be used for both interior and weather-exposed surfaces. FRC-515 can be used with or without primers and can be applied over previously stained or varnished medium-sheen surfaces.

TYPICAL USES FRC-515 was developed to protect wood decks and other wood surfaces against fire while allowing wood grain and patterns to remain visible. Wood siding, docks, warehouse shelving, pallets, OSB sheathing and particle board 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-515.

MIXING Prior to application, FRC-515 should be stirred until uniform.

APPLICATION & CLEAN-UP FRC-515 may be applied by brush, dipping, or spray. Ordinary “backpack” sprayers are suitable. Product can be thinned with potable water when using only enough to prevent runs.

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.

FRC-515 should not be applied below 60 degrees Fahrenheit/16 degrees Celsius.

CURE TIME FRC-515 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 OSB
- SFM 12-7A4.8 Method B burning ember (on redwood deck)

PHYSICAL DATA

- Density: 9.6 lbs. /gallon
- Solids content > 35%
- Viscosity: thixotropic
- Product is slightly alkaline; use protection for eyes and body.
- VOC less than 1%

SAFETY PRECAUTIONS Wear safety goggles when applying FRC-515. 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 leftover containers of FRC-515 should be allowed to dry. Dispose of in an approved landfill.

INGREDIENTS

- Water
- Acrylic resin
- Additives
- Other components