



FIRE RETARDANT COATING  
**FX-WF™**  
**STRUCTURE**  
**PROTECTION**

**PRODUCT DATA SHEET**

**FX-WF™ Structure Protection** is a single component, non-permanent, ready to use product designed for use as a fire retardant coating structures. The product can be applied over most structures in the immediate path of a wild fire. The product can be removed once the danger has passed.

When FX-WF™ is exposed to fire or extreme heat, a thick protective layer of carbon foam and carbon char develops and protects the substrates from the fire and much of the heat.

**TYPICAL ANALYSIS**

Total Solids **64 - 66%**

Weight per Gallon **11.4 - 11.8 lbs**

Specific Gravity **1.37 - 1.42**

ph **2.0 - 3.0**

**APPLICATION**

FX-WF™ is applied to the structure with medium to heavy-duty spray equipment. A thick layer of the fire retardant coating should be applied directly to the surface of the structure. Time permitting windows should be boarded up with plywood before the application of the coating. The coverage rate should be 150 ft² to 350 ft² per gallon. The product is tacky and will remain in this state until exposed to fire or removed by power wash and/or warm soapy water after the danger of wild fire has passed.

Once the product is activated FX-WF™ will expand up to 100 times or more the coating thickness, creating a heat and barrier that protects the structure during the rapid exposure to wild fires.

The product is composed of non-toxic materials and is environmentally biodegradable. The product may be used on most types of surfaces.

**PACKAGING & HANDLING**

FX-WF™ is available in several packaging configurations from 1 gallon containers to totes.

Refer to SDS for proper handling.

**STORAGE CONDITIONS**

- Temperature Range: 40 - 90 °F
- **One year shelf life from manufacture date.**

**WARRANTIES**

Products are guaranteed to perform their fire retardant function as represented by the draft report issued by the US Forestry Service, if applied according to manufacturer's published instructions. Products may not be diluted or altered prior to use.

\*There are no other warranties either expressed or implied since Flame Seal Products cannot control the actual application of the products. Users must determine usability and suitability for their particular requirements, as well as compatibility with the exact materials to be treated or coated.

**FLAME SEAL PRODUCTS, INC.**

15200 West Drive  
 Houston, TX 77053 USA

713-668-4291 (office)  
 713-668-1724 (fax)

[www.flameseal.com](http://www.flameseal.com)