



FIRE RETARDANT
**WOOD
SEAL A™**

PRODUCT DATA SHEET

DESCRIPTION

Wood Seal A™ is a clear water-based fire retardant treatment for raw untreated woods for interior and some exterior applications. Wood Seal A™ meets Class A standards when tested to the ASTM E 84 Flame Spread Test as required by the 2018 International Building Code Section 803.1.3 (Interior Wall and Ceiling Finishes). It is a mix of proprietary ingredients, which forms a slight intumescent foam layer and carbon char when the treated wood is exposed to fire. Once the carbon char is established, there will be minimal flame propagation, smoke evolution, or afterglow.

ASTM E 84

Flame Spread Index: 25
Smoke Development Index: 50

CSI DIVISION

06 05 00 Fire Retardant Penetrants
09 96 43 Fire Retardant Coating

BUILDING CODE

2018 International Building Code
Section 803.1.3 (Interior Wall and Ceiling Finishes)

Interior wall and ceiling finish materials shall be classified in accordance with ASTM E 84 or UL 723. Such interior finish materials shall be grouped in the following classes in accordance with their flame spread and smoke-developed indexes.

BENEFITS

- Clear Transparent Finish
- Meets 803.1.3 of IBC 2018
- Class A Compliant
- Single Coat Application
- No Retreatment Required
- Quick Drying

USES

Wood Seal A can be used on raw untreated woods for interior use only. Typical application includes, millwork, decorative wood work, and interior wood application where the desired finish is clear.

PACKAGING

Wood Seal A™ is a liquid available various packaging sizes from a 1 gallon pail to bulk containers.

SPECIFICATIONS

| | |
|---------------------|-------------|
| Finish: | Transparent |
| Color: | Colorless |
| VOC: | 45g/l |
| Reducer: | Water |
| Shelf Life: | 1 year |
| Total Solids: | 40-45% |
| Weight per Gallon: | 9.8-10.2lbs |
| PH: | 2.0-3.0 |
| Storage Conditions: | 40-90°F |
| Application: | HVLP/Brush |

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