

## RoscoFlamex W40 - Treating wood, corrugated paper and cellulose and acoustical board.

Roscoflamex W40 effectively flameproofs untreated wood, plywood, cellulose board, acoustical board, and corrugated paper. This ready-to-use clear liquid is easily applied by immersion, spraying, or brushing to penetrate the surface of the material without changing its properties. In addition to flameproofing, Roscoflamex W40 also seals and protects the wood that has been treated. Roscoflamex W40 will not change the color of the wood, however, flameproofing may raise the grain slightly. This can be corrected by sanding very lightly.



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### How to apply Roscoflamex W40

Roscoflamex W40 is intended for use on untreated wood surfaces. No other coating (paint, clear acrylic, polyurethane, stain, etc.) should be applied on top of Roscoflamex W40. While a paint coating will not diminish the effectiveness of the W40, some paint and coatings may not adhere properly. If the wood is to be painted, test accordingly. Also, some coatings may be flammable when dry. Roscoflamex W40 will only treat the substrate and provides no protection against the possible fire hazard created by a flammable coating applied on top of the treated wood. Consider using Roscoflamex P50 as an additive when painting with Roscopaint. Penetrating stains will not alter the effectiveness of the W40. Do not use water-based clear urethanes or clear acrylics over W40 as clouding may occur.

#### **DILUTION:**

Roscoflamex W40 is used straight out of the bottle. **DO NOT DILUTE** .

#### **APPLICATION:**

- *Immersion:* This method insures the greatest saturation and is the recommended method fo treating wood. Immerse the wood for 2 hours in warm Roscoflamex W4 (100°F) or 8 hours at room temperature.
- *Brushing:* Brush on three coats of warm W40 to both sides of wood. Apply enough solution to ensure that the material is wet. Allow at least 5 minutes between coats. Clean brushes thoroughly after use.
- *Spraying:* Spray 3 coats of warm Roscoflamex W40 uniformly to both sides of wood using a Hudson-type sprayer. Allow at least 15 minutes between coats. Clean sprayer thoroughly after use.

#### **STORAGE:**

Store Roscoflamex W40 only in non-metallic containers. When metal sprayers are used, they should be thoroughly cleaned immediately after use, including nozzles and accessories. Avoid use of metal buckets or paint containers when possible.

#### **COVERAGE:**

Wood, plywood: 110 sq. ft./gal. in three spray coats. Corrugated paper: 300 sq. ft./gal. Acoustical tile and cellulosic board: 60 sq. ft./gal. in three spray coats.

**WARNING: Use only with adequate ventilation. Do not take internally. Do not store in extreme heat or allow to come in contact with strong acids. Close container after each use. Do not transfer contents to another container. Do not store in metal containers as Roscoflamex may corrode. Wash hands after use. KEEP OUT OF REACH OF CHILDREN.**

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## W40 Quick Tips

1. W40 is intended as a solution to flame retarding raw wood. Paints and sealers may be applied on top but special considerations must be taken for adequate adhesion over the W40. Also, avoid using water based clear sealers on top of W40 as clouding may occur.
2. Hay can be effectively treated with W40. However, it is necessary to insure that all strands of hay have been treated. As it is often not practical to immerse full bales, it is recommended that bales be separated into smaller sections, immersed and treated individually and then assembled back into bale form.
3. Live trees or plants, especially Christmas trees or wreaths cannot be treated with W40.

Contact Rosco for more information or technical support on treating your scenery for flame retardance.

Specifications

#07940 Roscoflamex W40

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Roscoflamex W-40 is approved by the California State Fire Marshall and tested according to ASTM E 84.

### Disclaimer

*Read carefully the instructions supplied with any Roscoflamex product. Rosco offers these products in good faith, but without guarantee of any type, since materials treated and methods of application are beyond the control of the manufacturer. You should determine suitability of the Roscoflamex product for the intended use and always test before using.*