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REG No 2000/017132/07



# TimberLife

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## PRODUCT DATA SHEET

## Woodsayf FR

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|                                  |   |            |                |            |                     |                |                     |           |            |
|----------------------------------|---|------------|----------------|------------|---------------------|----------------|---------------------|-----------|------------|
| <b>Product Name:</b>             | <b>WOODSAYF FR</b>  |            |                |            |                     |                |                     |           |            |
| <b>Product Type:</b>             | <b>FIRE RETARDANT SURFACE TREATMENT FOR TIMBER</b>  |            |                |            |                     |                |                     |           |            |
| <b>Description:</b>              | <p><b>WOODSAYF FR</b> is an aqueous, ready-for-use fire retardant formulation for in situ treatment and protection of timber used in building applications against fire.</p> <p>The chemical composition of <b>WOODSAYF FR</b> enhances absorption and penetration of the formulation into wood. Leachability of the active fire retardant ingredients is also reduced as a result of its chemical reaction with wood cellulose through esterification.</p> <p><b>WOODSAYF FR</b> does not alter the colour of wood and after drying the treated wood surface can be coated with a wood finish.</p> |            |                |            |                     |                |                     |           |            |
| <b>Active Ingredients:</b>       | Phosphates, amides and alcohols in water.   |            |                |            |                     |                |                     |           |            |
| <b>Physical Characteristics:</b> | <table><tr><td>Appearance</td><td>- Clear liquid</td></tr><tr><td>Solubility</td><td>- Water and alcohol</td></tr><tr><td>Density @ 20°C</td><td>- 1,17 to 1,20 kg/l</td></tr><tr><td>Full cure</td><td>- 24 Hours</td></tr></table>  | Appearance | - Clear liquid | Solubility | - Water and alcohol | Density @ 20°C | - 1,17 to 1,20 kg/l | Full cure | - 24 Hours |
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| Solubility                       | - Water and alcohol   |            |                |            |                     |                |                     |           |            |
| Density @ 20°C                   | - 1,17 to 1,20 kg/l   |            |                |            |                     |                |                     |           |            |
| Full cure                        | - 24 Hours  |            |                |            |                     |                |                     |           |            |
| <b>Use Restriction:</b>          | Use <b>only</b> on raw, uncoated timber. Coated/treated timber must be sanded down before application of <b>WOODSAYF FR</b>   |            |                |            |                     |                |                     |           |            |
| <b>Application:</b>              | Apply to clean, dry timber surfaces before application of a final wood coating/finish. Apply at least 2 liberal coats, preferably 3 coats, using either brush-on, dip or spray-on methods. (Allow at least 30 minutes drying between coats).  |            |                |            |                     |                |                     |           |            |
| <b>Application Rate:</b>         | 4 - 8 m <sup>2</sup> /l, depending on surface smoothness and timber species.  |            |                |            |                     |                |                     |           |            |
| <b>Dilution Rates:</b>           | Ready for use. Do not dilute <b>WOODSAYF FR</b> .   |            |                |            |                     |                |                     |           |            |
| <b>Storage:</b>                  | Store in tightly closed containers at temperatures below 40°C.  |            |                |            |                     |                |                     |           |            |
| <b>Packaging:</b>                | 25l and 200l plastic containers.  |            |                |            |                     |                |                     |           |            |
| <b>Note:</b>                     | <b>WOODSAYF FR</b> only provides superficial protection to timber against fire. For more extensive and fully penetrated fire retardant protection, pressure impregnation of timber with <b>FLAMBOR</b> is recommended.  |            |                |            |                     |                |                     |           |            |