

## profilan<sup>®</sup>-top

**Water-based high build wood stain with film protection for extended resistance to weathering. Matt to satin finish depending on application rate. Does not contain any biocidal components.**

<b>Fields of application</b>	<p>Suitable for all kinds of timber used indoors and outdoors. Especially suitable for elements which have to maintain their dimensional stability such as windows. Suitable for panelling, wooden ceilings and walls, shelves, garage doors, etc.</p> <p>For untreated wood used outdoors and exposed to insect or fungal attack we recommend a pre-treatment with profilan<sup>®</sup>-prevent.</p>
<b>Restrictions</b>	<p>If applied on oak, idigbo or other wood species with high tannin content and used outdoors, the tannin may bleed through the paint and cause discolouration and damages even on adjacent elements.</p> <p>Impregnated wood on which the preservative salt has not fixed or which has absorbed too much preservative salt is not suitable to be treated with profilan-top. Therefore, we recommend a trial coat.</p>
<b>Characteristics</b>	<ul style="list-style-type: none"> <li>• Long lasting protection against weather influences</li> <li>• Water repellent and light-resistant</li> <li>• Moisture regulating and age-resistant</li> <li>• Highly transparent</li> <li>• Block-resistant</li> <li>• Tested according to DIN EN 927</li> <li>• Fulfils the requirements of DIN EN 71-3</li> <li>• Density approx. 1.11 g/cm<sup>3</sup> at 20°C</li> </ul>
<b>Composition</b>	Acrylate dispersion, water, glycols, additives, preserving agent. Also organic pigments depending on colour shade.
<b>Colours</b>	<p>0000-colourless, 0005-opal white, 0081-ivory, 0101-light oak, 0103-antique oak, 0150-pine, 0200-limba, 0300-chestnut, 0700-walnut, 0710-light walnut, 0750-mahogany, 0850-rosewood.</p> <p>All colour shades can be intermixed. 0000-colourless should never be applied as finish outdoors. Please note: profilan<sup>®</sup>-top basis should never be used as "colourless" or to lighten the standard shades.</p>
<b>Pack size</b>	Tins of 0.75, 2.5 litres and 10 litres.
<b>Application method</b>	Brushing, spraying.
<b>Application rate</b>	120-180 ml/m <sup>2</sup> in 2 - 3 coats
<b>Preparation of the surface</b>	The surface should be dry, clean and offer good adhesion. The wood moisture should not exceed 15 % (softwood) and 12 % (hardwood).

<b>Application recommendations</b>	<p>Stir well before use. Non corrosive-resistant and visible metal elements within the surface should be isolated. Intermediate rubbing down with a Scotch-brite pad is recommended. Do not use steel wool. We recommend the use of a brush with a combination of synthetic and natural bristles. Do not apply at temperatures of less than + 5°C (product, surface and air) or in blazing sun. When treating windows and doors use only acrylate-compatible weather seals.</p> <p><b>Brushing:</b></p> <p>Generally to be applied undiluted. When applying the first coat on untreated wood with high absorption capacity the product may be diluted with up to 10% water. If applied on large surfaces and with high temperatures the product can be diluted with up to 10% water.</p> <p><b>Spraying:</b></p> <table border="1" data-bbox="400 618 1386 869"> <thead> <tr> <th>Method</th> <th>Nozzle size</th> <th>Spray pressure</th> <th>Viscosity</th> <th>Dilution</th> </tr> </thead> <tbody> <tr> <td>Conventional spraying</td> <td>1.8 mm</td> <td>2-2.5 bar</td> <td>40 sec.</td> <td>With approx. 5-10% water</td> </tr> <tr> <td>Airless spraying</td> <td>0.28/0.011 (mm/inch)</td> <td>120 bar</td> <td>200 sec.</td> <td>Not necessary</td> </tr> </tbody> </table>	Method	Nozzle size	Spray pressure	Viscosity	Dilution	Conventional spraying	1.8 mm	2-2.5 bar	40 sec.	With approx. 5-10% water	Airless spraying	0.28/0.011 (mm/inch)	120 bar	200 sec.	Not necessary
Method	Nozzle size	Spray pressure	Viscosity	Dilution												
Conventional spraying	1.8 mm	2-2.5 bar	40 sec.	With approx. 5-10% water												
Airless spraying	0.28/0.011 (mm/inch)	120 bar	200 sec.	Not necessary												
<b>Drying time</b>	<p>Under normal conditions (50 % relative air humidity / 23°C):</p> <p>Dry to touch : after approx. 1 hour  Can be re-coated : after approx. 2 hours  Thoroughly dried : after approx. 24 hours</p> <p>This refers to each coat. High air humidity and low temperatures delay drying.</p>															
<b>Dilution</b>	If necessary, only dilute with water.															
<b>Cleaning tools</b>	Rinse with water and soap immediately after use. To avoid drying out immerse brushes etc. in diluted profilan <sup>®</sup> -top during work breaks.															
<b>Regulation on hazardous material</b>	The product is not subject to specific labelling under current EU regulations.															
<b>Precautions</b>	<p>When working profilan<sup>®</sup>-top with always observe the safety precautions for handling and personal safety.</p> <p>Keep out of reach of children. Do not breathe spray mist. Ensure adequate ventilation of workshop during and after work. After contact with skin or eyes wash immediately with plenty of water.</p> <p>Material Safety Data Sheet available for professionals upon demand.</p>															
<b>Storage/ Transport</b>	<p>Store in a cool place, but not exposed to frost. Reseal opened containers tightly after use. Keep only in the original container, to be handled by competent persons. Expiry date when kept in a cool place: See label. Do not transport during periods of frost.</p> <p>RID/ADR: Not restricted.</p>															
<b>Environmental protection</b>	Do not allow profilan <sup>®</sup> -top to seep into the soil, water or drainage channels. Water hazard class 1 (Self assessment according to VwVwS, annex 4). Only completely emptied containers can be recycled. Dispose of liquid product rest to collection point for waste lacquers. European water catalogue 08 01 12.															
<p>This technical leaflet has been compiled to the best of our knowledge and experience. In view of the large number of applications, we are unable to give a guarantee for every case. In cases of doubt, our technical department should be contacted for further advice.</p> <p>Verbal agreements and assurances warrant written confirmation.</p>																