



## PROFILAN OPAC

(Allwetterfarbe)

**Waterborne paint which reduces the risk of flaking and blistering associated with traditional coatings. High weather resistance, high covering capacity. For wood and other materials. Does not contain biocidal components.**

<b>Fields of Application</b>	<p>Ideal for all exterior wood surfaces, e.g. windows, doors, fascia boards, soffits and cladding, etc. Also suitable for wood used inside. After appropriate pre-treatment can also be used for walls, plaster, concrete, hard-PVC, zinc and galvanised steel</p>																
<b>Colours</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">birch white</td> <td style="width: 25%;">bark brown</td> <td style="width: 25%;">smoke grey</td> <td style="width: 25%;">chocolate</td> </tr> <tr> <td>fir green</td> <td>black</td> <td>crimson</td> <td></td> </tr> <tr> <td colspan="4"><i>Tinting colours for shading:</i></td> </tr> <tr> <td>red</td> <td>yellow</td> <td>blue</td> <td>yellow ochre</td> </tr> </table> <p>All colour shades can be intermixed.</p>	birch white	bark brown	smoke grey	chocolate	fir green	black	crimson		<i>Tinting colours for shading:</i>				red	yellow	blue	yellow ochre
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<b>Pack Size</b>	<p>0.75, 2.5 litres and 10 litres.</p> <p>The tinting colours red, yellow and blue are not available in 10 l cans.</p>																
<b>Composition</b>	<p>A combination of acrylate-polymers and highly light-resistant pigments acts as binding agent in PROFILAN OPAC.</p>																
<b>Characteristics</b>	<p>Weather-resistant, water-thinnable, light-resistant, age-resistant, high covering capacity. Resistant to scouring and to all normal household cleaners. Good adherence on sound previous coats</p> <p>Sufficiently block-resistant to be used on windows and doors.</p> <p>Weak odour, odourless when dry.</p>																
<b>Application Method</b>	<p>Brushing, rolling, spraying.</p>																
<b>Application Rate</b>	<p>200-250 ml/sq.m. (2 coats).</p> <p>90-100 microns wet film thickness per coat.</p>																
<b>Preparation of the Surface</b>	<p>The surface should be clean, sound and offer good adhesion. 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. When treating windows and doors use only acrylate-compatible weather seals.</p>																

<b>Preparation of the Surface</b>	<p>When applying the light colour shades we recommend a pre-treatment with PROFILAN TANNIN-BLOCKER to avoid bleeding of wood infiltrates.</p> <p>For untreated wood used out of doors and exposed to insect or fungal attack we recommend a pre-treatment with a biocidal primer such as PROFILAN PRIMER or impra-Holzschutzgrund (Primer).</p>															
<b>Application Recommendations</b>	<p>Stir well before use.</p> <p><i>Brushing:</i> Generally apply undiluted. When applying the first coat on untreated wood with high absorption capacity the product may be diluted with 10-30% water. This may also be necessary with large-scale application and at high temperatures.</p> <p><i>Spraying:</i></p> <table border="1" data-bbox="523 589 1489 871"> <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>3-4 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>160 bar</td> <td>200 sec.</td> <td>not necessary</td> </tr> </tbody> </table> <p>Do not apply at temperatures of less than + 5°C (product, surface and air) or in blazing sun.</p>	Method	Nozzle size	Spray pressure	Viscosity	Dilution	Conventional spraying	1.8 mm	3-4 bar	40 sec.	with approx. 5-10% water	Airless spraying	0.28/0.011 (mm/inch)	160 bar	200 sec.	not necessary
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<b>Application on plaster, concrete, hard-PVC, zinc and galvanised steel</b>	<p>Remove poorly adhering coats. Apply solvent-based penetrating stopper on fresh concrete and plaster surfaces as well as on loose plaster to avoid saponification. Neutralise replastered and highly alkaline surfaces. Roughen hard vinyl surfaces (gutters, drain pipes, etc.) with coarse abrasive paper.</p> <p>Surfaces of zinc and galvanised steel should be pre-treated with a wetting agent. Prepare a solution of 10 litres water and 0.5 l of a 25% ammonia solution. Add 2 dessertspoonfuls of a wetting agent, e.g. washing-up liquid (Fairy). Rub this onto the surface with a Scotch-brite pad until a microporous foam develops. Allow this to react on the surface for approx. 10 minutes. Rubbing down should be continued until the foam becomes grey. Rinse with plenty of water until the foam is completely removed. Never use steel wool.</p> <p>Then apply 2 coats of undiluted PROFILAN OPAC.</p>															
<b>Dilution</b>	If necessary, only dilute with water.															
<b>Drying Time</b>	<p>Under normal conditions (50 % relative air humidity / 23°C):</p> <ul style="list-style-type: none"> <li>- dry to touch after approx. 1 hour</li> <li>- can be re-coated after approx. 2 hours</li> <li>- thoroughly dried after approx. 24 hours.</li> </ul> <p>This refers to each coat. High air humidity and low temperatures delay drying.</p>															
<b>Cleaning Tools</b>	Rinse with water immediately after use to avoid drying out.															
<b>Density</b>	Approx. 1.20 g/cu.cm. (this value may vary slightly with the different colour shades).															
<b>Flash Point</b>	Not inflammable.															
<b>Regulation on Hazardous Material</b>	The product is not hazardous according to 91/155/EWG.															

<b>Precautions</b>	Always observe general precautions even when using environmentally acceptable paints.
<b>Storage/Transport</b>	Cool, but not exposed to frost, can be stored for at least 1-2 years. Reseal opened containers tightly after use. Do not transport during periods of frost. Keep only in the original container, to be handled by competent persons.  RID/ADR: Not restricted.
<b>Environmental Protection</b>	Do not allow PROFILAN OPAC to seep into the soil, water or drainage channels.
<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>	

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