

profilan[®]-opac

Waterborne paint with excellent weather resistance. Protective film against mould and algae. Satin finish, high covering capacity. For wood and other materials. Does not contain biocidal components.

Fields of application	<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> <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[®]-prevent.</p> <p>When applying the light colour shades we recommend a pre-treatment with profilan[®]-secur to avoid bleeding of wood infiltrates.</p>
Characteristics	<ul style="list-style-type: none"> • Excellent adherence on sound previous coats • Protective film against mould and algae • Water repellent and light-resistant • High covering capacity and moisture regulating • Tested according to EN 927-2
Composition	Acrylate dispersion, water, glycols, additives, preserving agent. Depending on colour shade also titanium dioxide, organic pigments.
Colours	<p><u>Standard colours:</u> 1102-sahara, 1117-yellow-ochre, 3101-red, 3111-crimson, 3140-sweden red, 6105-fir green, 7130-smoke grey, 7135-agate, 7140-opal white, 8108-bark brown, 8117-chocolate, 9105-black, 9110-birch white.</p> <p><u>Mixing colours:</u></p> <p>Tinting of colour shades according to RAL, NCS and other colour cards possible.</p> <p>All colour shades can be intermixed. With special colours such as RAL colours manufactured by tinting machine the drying time may be delayed and the block-resistance reduced.</p>
Pack size	<p>Standard colours: Tins of 0.75, 2.5 and 10 litres.</p> <p>Mixing colours: Tins of 2.5 and 10 litres.</p> <p>Basis colours for tinting machine: Tins of 0.675, 2.25 and 9 litres.</p>
Application method	Brushing, rolling, spraying.
Application rate	100 - 180 ml/m ² in 2 coats.

Preparation of the surface	The surface should be clean, sound and offer good adhesion. Poorly adhering surfaces should be thoroughly rubbed down. Remove resin galls before treatment.																				
Application recommendations	<p>Stir well before use. 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><u>Brushing:</u> Generally apply undiluted. When applying the first coat on untreated wood with high absorption capacity the product may be diluted with 5-10% water. This may also be necessary with large-scale application and at high temperatures.</p> <p><u>Spraying:</u></p> <table border="1" data-bbox="395 663 1386 994"> <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>2.0 – 2.2 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> <tr> <td>Airmix spraying</td> <td>0.28/0.011 (mm/inch)</td> <td>90-100 bar</td> <td>200 sec.</td> <td>not necessary</td> </tr> </tbody> </table>	Method	Nozzle size	Spray pressure	Viscosity	Dilution	Conventional spraying	2.0 – 2.2 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	Airmix spraying	0.28/0.011 (mm/inch)	90-100 bar	200 sec.	not necessary
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Application on plaster, concrete, hard-PVC, zinc and galvanised steel	<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. Then apply 2 coats of undiluted profilan[®]-opac.</p>																				
Drying time	<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>																				
Dilution	If necessary, only dilute with water.																				
Cleaning tools	Rinse with water and soap immediately after use. To avoid drying out immerse brushes etc. in profilan [®] -opac during work breaks.																				
Regulation on hazardous material	The product is not subject to specific labelling under current EU regulations.																				

Precautions	<p>When working with wood preservatives 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 wash immediately with plenty of water.</p> <p>Material Safety Data Sheet available for professionals upon demand.</p>
Storage/ Transport	<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.</p> <p>RID/ADR: Not restricted.</p>
Environmental protection	<p>Do not allow profilan[®]-opac to seep into the soil, water or drainage channels. Water hazard class 1 (Self assessment according to VwVwS, annex 4). Dispose of liquid product rest to collection point for waste lacquers. European waste catalogue 08 01 12.</p>
<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> <p>This technical leaflet supersedes all preceding ones.</p>	