



INTERIOR
EXTERIOR



SI 106

WATERBORNE, PENETRATING WOOD FINISH

Product description	<p>SI106 is a waterborne, penetrating wood finish for industrial application. Based on a mix of alkyd and acrylic resins, SI106 is non-film forming, so will not crack, peel or flake. Saturating, sealing and stabilising the wood, it minimises cracking, warping and other damage caused by the sun and moisture. Containing premium, UV absorbing transoxide pigments, SI106 provides a long lasting, rich matt finish on soft and hardwoods, accentuating the natural beauty of the wood.</p>
Properties	<ul style="list-style-type: none"> • Excellent penetration even on dense and oily tropical woods - Teak, Ipe... • Low viscosity. • Environmentally friendly. • Quick drying - Handle and stackable in 4 hours. • Provides an anti-fungal finish. • Easy maintenance - No sanding or stripping. • Fast commissioning - 24 hours in unconfined atmosphere.
Basic uses	<ul style="list-style-type: none"> • Interior and exterior. • Horizontal and vertical surfaces - Decking, cladding, fences... • All new and weathered wood. • All wood types - Soft and hardwoods, Heat Treated wood, Pressure treated and non-pressure treated wood... • All wood species - Pine, Cedar, Ipe, Mahogany, Ironwood...
Technical data	<p>Classification: Family Class 1 4a/7b2 (NF T 36005). Finish: Matt. Vehicle type: Alkyd and acrylic resins. Solvent type: Water. Viscosity (at 20°C): 24" ± 0.02 (cup ISO3 - 20°C) unless thixotropic. Specific gravity (at 20°C): 1.02 ± 0.01. Solid content: 12% ± 0.01. PH: 8.7. Flammability: Not classified as flammable. Shelf life: 1 year in original unopened packaging. Container size: 20Ltr pails, 200Ltr drums, 1000Ltr containers. Colour: Honey, Movingui, Teak, Padouk, Grey, Ebony. Special colours available on request (minimum 400Ltrs). Dry time (at 20°C and 50% RH): 4 hours. Temperature and relative humidity of the air will affect the drying time. VOC (2004/42/EC): < 5%.</p>
Application tools	<p>Dipping. Brush coater. Flow coating. Vacuum coating. Spray: Compressed air, Airless, HVLP...</p>
Good application practice	<p>Comply with the conditions and requirements set by the product manufacturer. The use, nature, quality, condition, treatment and preparation of the wood should comply with current standards and its intended use of application. DO NOT dilute. Apply between 10°C and 35°C. DO NOT apply to a hot surface. After prolonged exposure to sun, wood can reach 60°C. Apply SI106 to wood surfaces whose moisture content is 18% or less. Ensure that the surface to be coated is compatible with a waterborne wood finish. Mix thoroughly before and periodically during application. After manual spray application, back-brushing or back-rolling is recommended to improve uniformity of coverage.</p>

The information set out consists of purely illustrative and are not the responsibility of the manufacturer, the application of products not made under his supervision.

<h2>Surface preparation</h2>	<p>General directions: Surfaces must be clean, dry and free of dirt, grease, grime, mildew and previous coatings. SI106 can only be applied to bare wood surfaces. ALL other finishes/sealants MUST be completely and thoroughly removed.</p> <p>New wood surfaces: No special preparation required.</p> <p>Dirty, weathered and contaminated surfaces: Contact us</p> <p>Previously finished/sealed wood: Contact us</p>
<h2>Application</h2>	<p>Spray, brush coater, flow coating, vacuum coating: Apply 2 even applications of SI106 'wet on wet'. Apply a 1st liberal application of SI106 and allow to penetrate into the wood. Apply 2nd application as soon as the wet look of the 1st application has disappeared (normally 10-15 minutes) and allow to penetrate into the wood. Brush out any puddles within 20 minutes of applying the last application to avoid SI106 drying as shiny spots on the surface. Do not allow SI106 to become Touch Dry or Dry between applications.</p> <p>Dipping: Contact us.</p> <p>Note: SI106's place is in the wood, not on the surface. Do not create a film on the surface, as this will affect the coatings performance.</p>
<h2>Coverage</h2>	<p>Theoretical rate: 4 to 6 m²/Litre per 2 applications. Actual coverage will vary depending on application method, type, texture, age and porosity of the wood.</p>
<h2>Weight</h2>	<p>2 passes of 110 gms/m². This will vary depending on the nature of the wood, materials and nozzles used.</p>
<h2>Maintenance</h2>	<p>Contact us.</p>
<h2>Clean-up</h2>	<p>Hot water and detergent.</p>
<h2>Storage</h2>	<p>Keep from freezing and high temperatures.</p>
<h2>General information</h2>	<p>Every care is taken to ensure that the information provided in this technical data sheet is accurate. OWATROL International is unable to guarantee results as we have no control over the conditions under which our products are applied. For further advice and information please contact our technical department by email at info@owatrol.com or the local OWATROL Agent for your country.</p> <p>The information above is correct at the date of issue.</p> <p>All other OWATROL products named in this document should be used as per label instructions and the technical data sheet.</p>
<h2>Safety</h2>	<p>Refer to the safety data sheet (MSDS) available at www.owatrol.com and text on the packaging.</p>
<h2>Issue date</h2>	<p>January 2012.</p>

* Same manufacturer