



Technical Data Sheet

# ISO-STAIN

Opaque  
100% Acrylic



850-0

## DESCRIPTION

**ISO-STAIN 850 series** is a 100% acrylic resin based, opaque stain. Its thermoplasticity makes it highly resistant to weathering.

| CHARACTERISTICS   |       | TECHNICAL INFORMATION  |       |           |                                   |     |  |
|---|-------|--|-------|-----------|-----------------------------------|-----|--|
| <p><b>Waterproof</b><br/>This waterproof stain repels water in order to protect the wood.</p> <p><b>Mildewcide</b><br/>Specially formulated with a fungicide for outdoor weather conditions, this product will delay mildew proliferation that destroys wood.</p> |       | <p><b>Drying Time</b></p> <p>Recoat: 4-12 hours    To touch : 1 hour</p> <p>At 25° Celsius<br/>Relative humidity at 50%<br/>May differ depending on the colour</p>   |       |           |                                   |     |  |
|   |       | <p><b>Surface Coverage (for 946 ml)</b></p> <p>10 – 11 m<sup>2</sup> (108 – 118 ft<sup>2</sup>)<br/>May vary depending on the surface porosity</p>   |       |           |                                   |     |  |
|   |       | <p><b>Cleaning</b></p> <p>Lukewarm soapy water</p>   |       |           |                                   |     |  |
|   |       | <p><b>Dilution</b></p> <p>None</p>   |       |           |                                   |     |  |
|   |       | <p><b>Solids by Weight</b></p> <p>43%</p>  |       |           |                                   |     |  |
|   |       | <p><b>Solids by Volume</b></p> <p>33%</p>  |       |           |                                   |     |  |
|   |       | <p><b>VOC</b></p> <p>&lt;150 g/L</p>   |       |           |                                   |     |  |
|   |       | <p><b>GLOSS</b></p> <table border="1"> <tr> <td>60°</td> <td>13%</td> </tr> <tr> <td>85°</td> <td>30%</td> </tr> </table> <p>May vary according to the texture of surface to which it will be applied on</p> | 60°   | 13%       | 85°                               | 30% |  |
| 60°   | 13%   |  |       |           |                                   |     |  |
| 85°   | 30%   |  |       |           |                                   |     |  |
| TINTING BASES   |       | FORMATS  |       | STANDARDS |                                   |     |  |
|   |       | 946ml  | 3.78L | 18.9L     | CGSB: Type 1GP 204 class A type 1 |     |  |
| White   | 850-0 | X  | X     |           |                                   |     |  |
| Base P  | 850-1 | X  | X     |           |                                   |     |  |
| Base M  | 850-2 | X  | X     |           |                                   |     |  |
| Base D  | 850-4 | X  | X     |           |                                   |     |  |
| Base A  | 850-5 | X  | X     |           |                                   |     |  |
| COLOURS   |       |  |       |           |                                   |     |  |

A super white as well as 1500 MF coloris. There are also an infinity of colours that can be reproduced by computer.  
(See *NATURA* card also)

Base P (max. of 2 oz of colorant/ 3,78L)  
Base M (max. of 5 oz of colorant/ 3,78L)  
Base D (max. of 8 oz of colorant/ 3,78L)  
Base A (max. of 12 oz of colorant/ 3,78L)

| USE   | LIMITATIONS  |
|---|--|
| <ul style="list-style-type: none"> <li>- For interior or exterior use</li> <li>- Can be used on unpainted and painted surfaces</li> <li>- Outdoors, it can be used on sidings, fences, terraces, patios &amp; wood furniture.</li> <li>- Provides excellent adhesion on bricks and concrete.</li> </ul> | <ul style="list-style-type: none"> <li>- Do not apply if temperature is below 10°C</li> <li>- Do not apply under direct sunlight</li> <li>- Does not adhere to water repellent stains</li> </ul> |

### SURFACE PREPARATION

The surface must be dry and clean, with no traces of flaking, oil, grease, soap, wax, rust and dust. On painted surfaces, it is recommended to clean with T.S.P. (trisodium phosphate) in order to eliminate any contaminant that might harm the adhesion or the hardening of the product. Glossy surfaces must be sanded and dusted before painting.

#### **Mildew & new surfaces**

On new or treated wood having been exposed to inclement weather, it is highly recommended to neutralise all mildew, visible or not, in order to avoid peeling. Use a mix of 3 parts water for 1 part bleach, let this work for 20 minutes, then rinse and allow the wood to dry for at least 24 hours before painting. Once the surface is dry, sand the horizontal surface entirely with a n°80 sand paper in order to open the wood fibers and enhance the adhesion. Use a n°120 sand paper for vertical surfaces. Should a pressure wash be required, it must be done prior to sanding.

**Maintenance coat:** An annual visual evaluation is recommended. Verify that the wood surface is not impaired or damaged. If the surface is intact and only the gloss level has changed, use the **ISO-STAIN opaque series 850** in order to bring shine back to your surface. Should you detect traces of flaking and cracking, lightly sand the surface and apply 2 coats of **ISO-STAIN opaque series 850** in order to restore its original appearance. By proceeding this way, you will prolong the life length of your **ISO-STAIN**.

### SUGGESTED PRIMER

**Bare wood:** Seal pine knots with **Stop Plus 298** prior to applying the finishing

### APPLICATION

Apply at temperatures between 10°C and 30°C. Do not apply when surface is exposed to direct sunlight. The wood must not surpass a 20% humidity level. Wait 8 hours after a mild rainfall and 24 hours after a heavy rainfall. Use a paintbrush made of synthetic fibers. Generously apply the coating using a back and forth movement along the wood fibers. Only apply on the width of 2-3 wood planks, afterwards apply on length of planks in order to avoid demarcation. For a maximum protection, make sure to apply product on all 6 facades of the wood. Stir the product during application in order to keep the mixture homogeneous. For a spray application, dilute with a maximum of 10% water. There should not be rain for the following 48 hours in order to ensure a good performance of the stain.

**Bare wood:** Apply two coats in order to obtain a uniform finish as well as a better protection. (Allow 4 to 12 hours drying time between each coat)

**Previously stained wood:** One coat should suffice to refresh the surface.

### WARRANTY

This product will give full satisfaction if applied according to the manufacturer's instructions. Manufacturer's liability is limited to the replacement of the product and does not include manpower if found defective upon inspection.

### CAUTION

- Keep away from children's reach
- Keep in a dry area between 10° C-30° C
- Keep lid closed when not used.
- Avoid freezing.

***Dispose of the container in an environmentally-friendly manner.***