Premium Deck Stain – Data Sheet

Description:

**Everest Premium Deck Stain** is a water-based; oil modified polyurethane stain formulated for all types of timbers including exterior decking. The penetrating semi-transparent finish delivers excellent UV resistance combined with water repellence and anti-mold properties. Based on European technology, our **Premium Deck Stain** conforms to EU Directive 2004/42/EC Phase2 with less than 30gms/litre of VOC.

### Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Resin Type</td>
<td>Oil modified Polyurethane</td>
</tr>
<tr>
<td>Solvent</td>
<td>Water</td>
</tr>
<tr>
<td>Colour</td>
<td>Range of oxide based semi-transparent colours</td>
</tr>
<tr>
<td>Finish</td>
<td>Low Sheen</td>
</tr>
<tr>
<td>Drying Time</td>
<td>2-3 hours</td>
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<tr>
<td>Recoat Time</td>
<td>Immediate, wet on wet</td>
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<tr>
<td>Dry Film Thickness</td>
<td>Not applicable</td>
</tr>
<tr>
<td>No. of Coats</td>
<td>1 or 2 depending on depth of colour required</td>
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<tr>
<td>Theoretical Coverage</td>
<td>4-12m² per litre depending on type of timber and porosity.</td>
</tr>
<tr>
<td>Primer Needed</td>
<td>No</td>
</tr>
<tr>
<td>Thinning &amp; Cleaning</td>
<td>Thinning not required, clean up with water when wet, mineral tups when dry.</td>
</tr>
</tbody>
</table>

### Performance:

- Excellent penetrating properties
- High UV protection
- Excellent water repellent properties
- Contains anti-mold additives
- Fast drying
- Can be used on all exterior grade bare timber

### Limitations:

- As a result of water repellent properties a 2nd coat may take much longer to dry if not applied wet on wet. If 2nd coat required after drying, light sanding is recommended or allow weathering for at least 3 months.
- Previously painted or vanished timber must be sanded back to bare wood.
- Do not apply if temperature is expected to fall below 5ºC or dew is expected within 3 hours of application.

### Substrate Preparation:

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New Timber:

- It is recommended that all hard woods and high resin content timbers be weathered for a minimum of 4 weeks before staining. Regular rinsing with water will assist with weathering.
- **New Timber continued:**
  - LOSP treated pine should be weathered for 2 weeks prior to application.
  - Hard shiny surfaces on new timber must be sanded to allow full penetration of **Aquathane**.

Previously Stained or oiled timber:

- These may be re-stained following suitable cleaning and preparation.
- Ensure existing stained or oiled surfaces are receptive to our **Premium Deck Stain** by checking absorbance by splashing water on to the surface. If the water beads on the surface or is not quickly absorbed the original stain must be removed or a patchy finish will result.
- Patchy and unsound surfaces must be stripped to bare wood before staining.

All Timbers:

- Ensure all surfaces are cleaned and free from dirt, wax grease and mould by using appropriate cleaners.
- Sand along the grain using 180-240 grit paper. Remove all sanding dust.
- Rinse whole surface with clean water and allow to dry before application.
- Where necessary fill cracks and nail holes appropriate exterior grade filler or putty. After the filler has dried sand and remove dust.

Application:

- Stir contents thoroughly before and regularly during use. Boxing is recommended if more than 1 container at a time is being used.
- Apply with clean dry high quality brush or applicator pad. Pay special attention to end grain, cracks and exposed edges.
- Apply along the full length of 2-3 boards at a time working the stain well into the timber. Keep a wet edge by working back in to the stained area while it is still wet.
- Apply only as much stain as the timber will absorb and do not allow the stain to pool in low areas.
- Second coat must be applied wet on wet before moving on to the next 2-3 boards.
- Allow finished job to dry for a minimum of 24 hours before subjecting to light foot traffic.

Special Notes:

- All exterior timber stains require regular maintenance to retain their appearance.
- We recommend re-coating every 2-3 years or as soon as the timber shows signs of weathering.
- Areas of high foot traffic and more exposed positions may weather faster than surrounding areas.
- Porous and open grained timber may weather faster than dressed substrates.
- Some dense non porous hardwoods may require early re-staining before attaining full durability.

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