Intershield®851 is a two pack, coarse texture non skid epoxy coating, with high volume solids (77%). Hard wearing with good chemical resistance, and also approved to DEF STAN 80-134 as a Type 2 (coarse texture) non skid flight deck coating.

Suitable for use on flight decks, landing zones, vertical replenishment zones, walkways, vehicle ramps, car / passenger decks and other areas subject to heavy wear, where a non skid finish is required.

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**Features**

- Durable corrosion resistant system
- Coarse profile non skid coating, approved to DEF STAN 80-134, Type 2
- Low solar absorption options available
- Fuel and chemical resistant
- VOC content 111g/Kg

**Benefits**

- Excellent operational image and asset protection
- Reduced maintenance costs
- Can be used on military vessels as a non skid surface for aircraft, vehicles and foot traffic
- Minimises air conditioning unit workload and operational costs
- Provides a suitable environment for the crew and sensitive electronic equipment
- Resists spillages and leaks from aircraft and vehicles
- Control of solvent emissions to comply with current and proposed legislation

**Applications**

Intershield®851 can be applied to areas subjected to heavy wear

Low solar absorption coatings can reduce thermal transfer to internal spaces resulting in operational cost savings

Provides a suitable, safe working environment with excellent resistance to seawater and fuel oil pooling

**Product Information**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Range available, consult International Paint</td>
</tr>
<tr>
<td>Surface preparation</td>
<td>Surface should be clean, dry and free from contamination</td>
</tr>
<tr>
<td>Volume solids</td>
<td>77% ±2% (ISO 3233:1998)</td>
</tr>
<tr>
<td>Typical film thickness</td>
<td>1000 microns dry (1299 microns wet)</td>
</tr>
<tr>
<td>Hard dry</td>
<td>16hrs @ 25°C</td>
</tr>
<tr>
<td>Minimum application temperature</td>
<td>10°C</td>
</tr>
<tr>
<td>Method of application</td>
<td>Conventional Spray, Roller</td>
</tr>
</tbody>
</table>
**Low Solar Absorption Technology**

Depending on vessel type, external decks have the potential to absorb infrared radiation (heat) from the sun, resulting in a rise in steel deck temperatures and a subsequent increase in the temperature of internal vessel areas. This effect can place a strain on the air conditioning units used to maintain acceptable internal operating temperatures.

Low Solar Absorption (LSA) deck coatings can help minimise air conditioning unit workload and operational cost, in addition to providing a better working environment for the crew and sensitive electronic equipment.

**Non Skid Performance**

Decks are high activity areas that are potentially dangerous to equipment and crew. Intershield®851 utilises high durability wear resistant polymers which contain aggregates, to give a textured profile designed to provide maximum slip resistance by maintaining high coefficient of friction.

Intershield®851 non skid surface has been developed with excellent resistance to seawater and fuel oil pooling to improve the health and safety of crew and passengers. Qualification of non skid deck coatings is vital to ensure they meet requirements deemed necessary for safety. Intershield®851 has been externally approved to DEF STAN 80-134 Type 2 (by the UK MOD).

**Anti Slip Properties** (DEF STAN 80-134)

<table>
<thead>
<tr>
<th>Condition</th>
<th>Wet</th>
<th>Oily</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshly applied</td>
<td>&gt;70</td>
<td>&gt;30</td>
</tr>
<tr>
<td>Worn</td>
<td>&gt;60</td>
<td>&gt;20</td>
</tr>
<tr>
<td>Profile Depth</td>
<td>0.4 – 0.6mm</td>
<td></td>
</tr>
</tbody>
</table>

**In Service Performance**

- **Premium non skid performance on a passenger deck,** reducing risk from falls to employees and passengers
- **Non skid surface offering reduced maintenance cost and increased safety**
- **Enhanced damage resistance from aircraft on a helipad,** reducing maintenance costs
- **Excellent condition after 24 months in service,** maintaining performance in challenging environments

Unless otherwise agreed in writing, all products supplied and technical advice or recommendations given are subject to the Conditions of Sale of our supplying company.

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