

FINSULATE



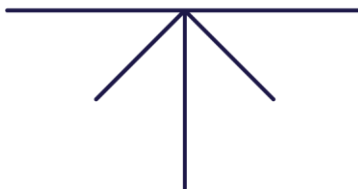
Antifouling for Clean and Healthy Waterways

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Product Data Sheet Finsulate Seagrade EL

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|---|--|------------------------------|------|------|---------------------------------------|-------|-------|---|-------|-------|
| PRODUCT DESCRIPTION | Physical fouling-resistant wrap supplied as pressure sensitive adhesive tape | | | | | | | | | |
| INTENDED USES | To insulate surfaces exposed to marine environments like ship hulls or floating structures from fouling during periods up to 20 years. | | | | | | | | | |
| PRODUCT INFORMATION | <p>Product construction</p> <p>Self adhesive wrap consisting of backing paper, pressure sensitive adhesive, carrier film and antifouling layer:</p> <ul style="list-style-type: none">• Backing: siliconized paper• Pressure sensitive adhesive: modified acrylic• Carrier film: polyester film• antifouling layer: cured acrylic adhesive with embedded nylon fibers <p>Color: Black</p> | | | | | | | | | |
| SURFACE PREPARATION | <p>It is essential, as with all pressure-sensitive tapes, that the surface to which the foil is applied be clean, dry and free of grease or oil.</p> <p>Care should be taken to apply an appropriate tie coat, e.g. an epoxy or a vinyl primer.</p> <p>In case of doubt, contact your local Finsulate sales representative.</p> | | | | | | | | | |
| APPLICATION | <p>Ensure application is carried out without wrinkles and air bubbles.</p> <ul style="list-style-type: none">• In case of wrinkles, cut out overlap areas and squeeze edges closely together.• In case of air bubbles, remove by squeezing bubble to side of foil strip or by making small cut in foil to enable local squeeze-out of bubble. <p>Welding: in the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation. In North America do so in accordance with instruction in ANSI/ASC Z49.1 "Safety in Welding and Cutting."</p> | | | | | | | | | |
| TEMPERATURES | <table><tr><td>Min. Application temperature</td><td>50°F</td><td>10°C</td></tr><tr><td>Max. Continuous Operating Temperature</td><td>266°F</td><td>130°C</td></tr><tr><td>Max. Intermittent Operating Temperature</td><td>320°F</td><td>160°C</td></tr></table> | Min. Application temperature | 50°F | 10°C | Max. Continuous Operating Temperature | 266°F | 130°C | Max. Intermittent Operating Temperature | 320°F | 160°C |
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| STORAGE AND SHELF LIFE | Shelf life: 1 year when stored at 70°F (21°C) 50%RH out of direct sunlight | | | | | | | | | |

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| REGULATORY DATA | This product does not contain organotin compounds acting as biocides and as such is not controlled under annex I of the International Convention on the Control of Harmful Anti-Fouling Systems on ships as adopted by the IMO in October 2001 (IMO document AFS/CONF/26). |
| LIMITATIONS | To ensure proper long term adhesion, curing time of 24 hours is recommended before using the foil at high speeds. After 24 hours, speeds up to 30 knots are allowed. In case of higher speed requirements, please consult your sales representative before use. |
| SAFETY | All work involving the application and use of this product should be performed in compliance with all relevant national Health, Safety and Environmental standards and regulations. Prior to use, obtain, consult and follow the Material Safety Data Sheer for this product concerning health and safety information. |

This information is given in good faith and is based on our present knowledge and experience but no warranty, express or implied, is made.

For further information, please consult Finsulate (Tel. +31 (0)85 065 3470, email: info@finsulate.com).