

## SEAJET 033 SHOGUN

### Product description

Seajet 033 Shogun is premium self polishing antifouling which is highly effective against slime and weed. Suitable for high fouling areas. Suitable for all types of pleasure craft with a maximum speed up to 40 knots.

### Product data

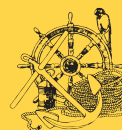
|                          |  |
|--------------------------|--|
| <b>Colour</b>            | Black, Dark grey, Mid blue, Navy blue, Red |
| <b>Flash point</b>       | 37°C                                       |
| <b>Volume solids %</b>   | 48 ±2                                      |
| <b>VOC (Theoretical)</b> | 482 g/l.                                   |
| <b>Pack sizes</b>        | 0.75lt, 2.5lt, 5lt, 20lt                   |
| <b>Mixing ratio</b>      | One Pack Product                           |

### Application details

|  |  |
|--|--|
| <b>Thinner</b>                             | Seajet Thinner A   |
| <b>Application methods</b>                 | Brush, roller*, spray (professional use only)  |
| <b>Conditions</b>                          | Ambient temperature min. 5°C - max. 35°C<br>Max. humidity 85% R.H.<br>Product temperature min. 5°C - max. 35°C<br>Substrate temperature min. 7°C - max. 35°C   |
| <b>Spray details</b>                       | Nozzle tip Graco 619, 721<br>Paint output pressure: 12.0 - 15.0 MPa<br>Thinning: 0 - 5% (by volume)  |
| <b>Spreading rate</b>                      | 9,6 m <sup>2</sup> /l (theoretical)  |
| <b>Recommended Film thickness per coat</b> | Wet (µm) 104<br>Dry (µm) 50  |
| <b>Substrates</b>                          | For use over suitably primed GRP, wood, steel.   |
| <b>Preceding coating</b>                   | Seajet 117 Primer or Seajet 015 Primer.  |
| <b>Subsequent coating</b>                  | -  |
| <b>Mixing</b>                              | Before use, stir thoroughly until product is mixed to a uniform consistency.   |
| <b>Notes</b>                               | * Film thickness and spreading rate depends on application method, more layers may be required to achieve the specified film thickness.<br>Maximum immersion time after application is 6 months.<br>After immersion, Seajet 033 Shogun may exhibit a slight colour change.<br>Colour difference between batches may occur. Mix different batches before use. |

### Surface preparation

High pressure fresh water wash (±200 bar) to remove all fouling and contamination including the leached layer.  
Existing antifouling in good condition: check the Seajet antifouling compatibility table. If compatible, apply direct. If the old antifouling is not compatible or unknown, apply a barrier coat of Seajet 015.  
Existing antifouling in poor condition: remove antifouling. Antifouling should only be wet sanded, never dry sand old antifouling.  
Ensure the surface is dry and free of contamination such as salt, grease or oil. Degrease if required.  
Apply two coats. Apply an extra coat on leading edges, waterline, rudders and stern gear.  
Bare substrate:  
GRP/Steel: first sand with P100 abrasive paper, remove all dust and apply Seajet 117 or Seajet 015 primer.  
Wood: first sand with P100 abrasive paper, remove all dust and apply Seajet 015 primer.  
Aluminium: DO NOT USE Seajet 033 Shogun on aluminium surfaces.



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### Drying / overcoating data

| Temperature | Drying time<br>(at DFT 50 µ)              | Overcoating interval<br>(at DFT 50 µ) | Induction<br>time | Pot life | Dry to launch | Remarks |
|-------------|---|---------------------------------------|-------------------|----------|---------------|---------|
| 5 °C        | Surface dry: 3 hours<br>Hard dry 12 hours | Min.: 12 hours<br>Max.: None          | -                 | -        | 24 hours      | -       |
| 10 °C       | Surface dry: 2 hours<br>Hard dry 8 hours  | Min.: 8 hours<br>Max.: None           | -                 | -        | 18 hours      | -       |
| 20 °C       | Surface dry: 1 hour<br>Hard dry 5 hours   | Min.: 5 hours<br>Max.: None           | -                 | -        | 12 hours      | -       |
| 30 °C       | Surface dry: 30 min<br>Hard dry 4 hours   | Min.: 4 hours<br>Max.: None           | -                 | -        | 10 hours      | -       |

Notes: Drying times and overcoating intervals will increase with increasing film thickness applied.  
Before re-coating, always check that the existing paint film is 'through' dry.

### General information

#### Storage

Store the containers in a dry, cool and well ventilated space and away from direct sunlight. Containers must be kept firmly closed. Handle with care.

#### Transportation

The product should stay in a securely closed container during transport.

#### Shelf life

Min. 2 years @ 20°C

#### Disposal

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

#### Additional information

More information can be found on [www.seajetpaint.com](http://www.seajetpaint.com).

### Safety information

Personal Protection advice and additional information can be obtained from the product Safety Data Sheet from Chugoku Paints B.V. which is available on request. The minimum safety precautions in dealing with this paint are:

- Observe the precautionary notices displayed on the container.
- Provide adequate ventilation.
- Avoid skin contact and inhalation of spray mist.
- If the product comes into contact with the skin, wash thoroughly with luke warm water and soap or suitable cleaner. If the eyes are contaminated, irrigate with water and seek medical advice immediately.
- Since the product contains flammable materials, keep away from sparks and open flames. No smoking should be permitted in the area.

### Disclaimer

Data, specifications, directions and recommendations given in this data sheet represent test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use is not guaranteed and must be determined by user. Product data is subject to change without notice and automatically void two years from issue. All legal relations of Chugoku Paints B.V. will be governed by the Uniform Terms of Sale and Delivery of Chugoku Paints B.V. as last filed with the district court of Rotterdam and upon request they will be made available without charge. Chugoku Paints B.V. explicitly rejects the applicability of any General Conditions, which its contractual parties may use. Exclusive jurisdiction: competent Court in Rotterdam. Some products have been specially modified to adapt to specific European requirements with regard to European-, national- and local laws and regulations or with regards to specific European use requirements. As a result some physical properties in a TDS may differ from those given in the original Japanese TDS.