



## SEAJET 012 UNIVERSAL PRIMER/UNDERCOAT

SEAJET 012 UNIVERSAL PRIMER/UNDERCOAT is an one-component universal primer for use above the waterline.

Characteristics:

- Shows good anticorrosive properties.
- Can be used as a primer and undercoat.

| TECHNICAL DATA                            |   |                               |                     |      |
|---|---|-------------------------------|---------------------|------|
| <b>Type</b>                               | Alkyd based one-component primer / undercoat.   |                               |                     |      |
| <b>Recommended use</b>                    | Universal primer for non-immersed areas and bilges.<br>Undercoat for SEAJET 122 BRILLIANCE TOPCOAT.   |                               |                     |      |
| <b>Surface Preparation</b>                | Degrease and clean surface.<br>For paint in good condition: Abrade with P180-240 grade abrasive paper first.<br>Bare fibreglass: Abrade using P180-240 abrasive paper followed by final cleaning.<br>Apply a single coat of SEAJET 012 UNIVERSAL PRIMER/UNDERCOAT.<br>Steel hulls: Sand blast to SA 2½ or hand sanding with P180-P240.<br>Apply 2 coats of SEAJET 117 followed by 2 coats of SEAJET 012 UNIVERSAL PRIMER/UNDERCOAT.<br>Aluminum: Apply one coat of SEAJET 017 followed by 2 coats SEAJET 117 and 2 coats SEAJET 012 UNIVERSAL PRIMER/UNDERCOAT, followed by the remaining top coats.<br>Bare wood: Sand with P180-240 grade abrasive paper at 45° to the grain.<br>Degrease using thinner wiping. Then apply 3-4 coats of SEAJET 012 UNIVERSAL PRIMER/UNDERCOAT.<br>After application of primer the topcoat can be applied. |                               |                     |      |
| <b>Physical Data</b>                      | Colour:   | White                         |                     |      |
|   | Flash point:  | 47°C                          |                     |      |
|   | Volume solids %:  | 49 ±2                         | (ISO : 3233 (1998)) |      |
|   | VOC (Theoretical):  | 426 g/l.                      |                     |      |
| <b>Application Details</b>                | Thinner:  | SEAJET THINNER U              |                     |      |
|   | Application Data:   | Airless spray, brush*, roller |                     |      |
|   | Min. Temperature:   | -5 °C                         |                     |      |
|   | Max. humidity:  | 85% R.H.                      |                     |      |
| <b>Spray Details</b>                      | Tip No.:  | Graco 719                     |                     |      |
|   | Paint output pressure:  | 14.7 - 17.7 MPa               |                     |      |
|   | Thinning:   | 0 - 7% (by volume)            |                     |      |
| <b>Film thickness and spreading rate:</b> |   | Min.                          | Max.                |      |
|   | Film Thickness, wet:  | 61                            | 143                 | µm   |
|   | Film Thickness, dry:  | 30                            | 70                  | µm   |
|   | Spreading Rate:   | 16,3                          | 7,0                 | m²/l |
|   | (theoretical)   |                               |                     |      |
| <b>Preferable preceding coating</b>       | Can be applied over aged coatings after sanding. SEAJET 017 on aluminium, SEAJET 117.   |                               |                     |      |
| <b>Preferable subsequent coating</b>      | SEAJET 122 BRILLIANCE TOPCOAT.  |                               |                     |      |
| <b>Packing</b>                            | One Pack Product  |                               |                     |      |
| <b>Notes</b>                              | *Film thickness and spreading rate depends on application method.   |                               |                     |      |


**Coating data**

| Temperature | Drying time<br>(at DFT 70 μ)               | Overcoating interval<br>(at DFT 70 μ) | Induction<br>time | Pot life | Dry to launch | Remarks |
|-------------|--|---------------------------------------|-------------------|----------|---------------|---------|
| -5 °C       | Surface dry: 14 hours<br>Hard dry 48 hours | Min.: 110 hours<br>Max.:              | -                 | -        | -             | -       |
| 0 °C        | Surface dry: 10 hours<br>Hard dry 36 hours | Min.: 70 hours<br>Max.:               | -                 | -        | -             | -       |
| 5 °C        | Surface dry: 6 hours<br>Hard dry 24 hours  | Min.: 48 hours<br>Max.: 120 days      | -                 | -        | -             | -       |
| 10 °C       | Surface dry: 3 hours<br>Hard dry 14 hours  | Min.: 30 hours<br>Max.: 100 days      | -                 | -        | -             | -       |
| 20 °C       | Surface dry: 1,5 hours<br>Hard dry 7 hours | Min.: 20 hours<br>Max.: 90 days       | -                 | -        | -             | -       |
| 30 °C       | Surface dry: 45 min<br>Hard dry 4 hours    | Min.: 16 hours<br>Max.: 60 days       | -                 | -        | -             | -       |

**Safety information:** If Health, Safety and Environmental information is required a Health and Safety Data Sheet can be obtained from Chugoku Paints B.V.

Personal Protection advice and additional information can be obtained from the product Health and Safety Data Sheet 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.

| <b>Definitions:</b>    |  |  |
|------------------------|--|--|
| Tolerances:            |  | The numerical information quoted in this Technical Data Sheet is subject to normal manufacturing tolerances.   |
| Spreading Rate:        |  | The spreading rate can vary depending on application conditions, the geometrical complexity of the structure, the weather conditions, etc.   |
| Volume Solids:         |  | The volume solids figure given in this Technical Data Sheet is the percentage of dry film obtained from a given wet film thickness under specified application rate and conditions measured by the Chugoku Standard Method corresponding to ASTM method D2697. |
| Overcoating Intervals: |  | The intervals given assume preparation consistent with good painting   |
| Hard dry:              |  | The time taken until the product can be walked on without damaging it. Time taken until full mechanical strength is obtained is longer.  |
| V.O.C.:                |  | Theoretical quantity of volatile organic compounds in g/l.   |

**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.

The Inspector will undertake to the best of their ability, to carry out assistance during application of the products delivered by Chugoku, by only rendering advice in connection with the application at site. The Inspector undertakes to carry out the project in a conscientious manner, but Chugoku and/or the Inspector will not accept any kind of liability, direct or indirect, if the project does not give the results expected. Under all circumstances, the Buyer remains responsible for the execution of the project. Any advice and/or assistance rendered by the Inspector will be subject to such (final) responsibility of the buyer, and moreover subject to the Uniform Terms of Sale and Delivery of Chugoku Paints B.V. Even when damages or delays have been caused by faults or negligence on the side of Chugoku and/or the Inspector, such will not result in any liability whatsoever of Chugoku or the Inspector. Liability of both Chugoku or the Inspector for any consequential damages is explicitly excluded.

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.