# Product Data Sheet
# Quick Build Sealer

**AWLGRIP**

## Intended Uses
Quick Build Sealer is a versatile three-component fast drying polyurethane primer for use in quick schemes while maintaining an outstanding Awlgrip finish. Using just six colored bases, Quick Build Sealer can closely match any topcoat color, can be overcoated without the need for sanding, and results in a greatly reduced number of coatings required to produce an Awlgrip finish.

## Specification Data
| | |
|---|---|
| **Volume Solids** | 38% (mixed product) |
| **Available Packs** | White and Black Base and Activator (US) - 1 Gallon, all other Bases, Converter and Activator (Eu / AP) - 1 Quart |
| **Base** | OU8000 - White, OU2000 - Black, OU5000 - Blue, OU4000 - Green, OU7000 - Red, OU9000 - Yellow |
| **Converter** | OU3100 - Sealer Converter |
| **Reducer** | **Activators**: OA3110 - Sealer Activator<br>The Activator is essential for the technology of this product to achieve the required curing. |
| **Equipment Cleaning** | OT0002 |

## Theoretical Coverage

| Application Methods | Number of Coats | Recommended Per Coat | | | Theoretical Coverage Per Coat (at recommended DFT) |
|---|---|---|---|---|---|
| | | **WFT** | **DFT** | **Max DFT** | |
| Air Atomized | 1 | 75 μm<br>3 mil | 30 μm<br>1.2 mil | 40 μm<br>1.6 mil | 13.3 m²/lt<br>541.9 ft²/Gal |

Coverage calculations are based on theoretical transfer efficiency of 100%. Actual coverage rate obtained will vary according to equipment choice, thinning, application techniques, part size and application environment.
The practical coverage for 1 coat is 8m²/lt (325 ft²/Gal).

## VOC
All VOC information contained herein is theoretical (unless otherwise stated). Actual VOC content may vary by batch from one color to another and when tested via standard test methodology.
VOC values are for the mixed product and recommended mixed ratio.

| Product | As Supplied (without reducer) | | | |
|---|---|---|---|---|
| | g/L | lb/gal | g/Kg | lb/lb |
| OU2000 Part A | 449 | 3.75 | 297 | 0.30 |
| OU4000 Part A | 447 | 3.73 | 294 | 0.29 |
| OU5000 Part A | 430 | 3.59 | 280 | 0.28 |
| OU7000 Part A | 455 | 3.80 | 307 | 0.31 |
| OU8000 Part A | 450 | 3.76 | 278 | 0.28 |
| OU9000 Part A | 441 | 3.68 | 283 | 0.28 |
| OA3110 | 873 | 7.29 | | |
| Quick Build Sealer | 542 | 4.52 | | |

## Surface Preparation
The surface preparation advice provided, and equipment suggestions, can be used as a guide. Preparation techniques and results will vary according to individual conditions, equipment choice/condition and other factors. Testing on a non-critical area should be carried out prior to full-scale preparation.

Quick Build Sealer may be directly applied to aluminium, anodized aluminium, gelcoat, fiberglass and existing coatings in good condition.
**Aluminium**: Sand using 180-220 grade (grit) paper. Optional: Prime with Wash Primer CF.
**GELCOAT/FIBERGLASS**: Use a Scotch-brite or sand with 220 to 320 grade paper.
**Existing Finishes**: Sand with 220 - 320 grade dry sand paper.
Degrease with Awlprep 400 Wipe Down Solvent OT0170 prior to priming.
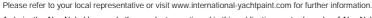
## Mixing & Reduction
Stir individual components well before use. Mix to a smooth, homogenous mixture.
Mix by volume: 4:1:1.5 (Base:Sealer Converter:Sealer Activator). No induction required.
There is no need to reduce Quick Build. However, 5 to 10% Awlgrip Reducers (T0001, T0002, T0003, T0005) can be added to ease the application experience.

Mixing and reduction requirements will vary according to individual conditions, climate, equipment choice/condition and other factors. Mixing and application of a small sample before full-scale application is recommended.

It is advised to add white or black bases to any color mix to obtain the best outcome. The recipes for 65 color mixes are available on Mixitcloud.com.

Please refer to your local representative or visit www.international-yachtpaint.com for further information.

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## Application

Application equipment and parameters are given as a guide. Actual equipment choices will vary according to application conditions, equipment condition and other factors. Testing on a non-critical area should be carried out prior to full-scale application. Contact your local technical service representative for further advice if necessary.

Spray 1 full coat.

| Application Methods | Fluid Tip | Fluid Pressure | Fluid Flow Rate | Air Pressure |
|---|---|---|---|---|
| Air Atomized | 1.10 - 1.40 mm<br>43 - 55 thou | - | 225 - 250 cc/min | - |

## Recoatability & Drying Times

The data given for recoatability is not exhaustive. Actual recoatability can vary according to individual conditions, climate and surroundings. If unsure, consult your local technical service representative before proceeding.

Ensure Quick Build Sealer is clean and free of dust prior to overcoating.
Overcoat with Awlcraft SE, Awlcraft 2000, Awlcraft 3000 or Awlgrip Topcoat.

| Drying | 15°C (59°F) | 25°C (77°F) | 35°C (95°F) | |
|---|---|---|---|---|
| Hard Dry | 7 Hours | 7 Hours | 5 Hours | |
| Touch Dry | 1.5 Hours | 45 Minutes | 35 Minutes | |
| Pot Life | 5 Hours | 5 Hours | 3 Hours | |

| Overcoated By | 15°C (59°F) | | 25°C (77°F) | | 35°C (95°F) | | | |
|---|---|---|---|---|---|---|---|---|
| | Min | Max | Min | Max | Min | Max | | |
| Awlcraft 2000, Awlcraft 3000, Awlcraft SE, Awlgrip Topcoat (Spray), Perfection Pro | 90 Minutes | 24 Hours | 15 Minutes | 24 Hours | 15 Minutes | 4 Hours | | |

The overcoating intervals refer to unsanded Quick Build Sealer.

## Warning Notes

Do not apply paint materials to surfaces less than 3°C (5°F) above dew point, or to surfaces warmer than 41°C (105°F)
Ambient temperature should be minimum 10°C (50°F) and maximum 41°C (105°F).

**The information in this Product Data Sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this Product Data Sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.**