

# Union Jack

Antifouling

## PRODUCT DESCRIPTION

Union Jack is performance, value and reliability all in one. Union Jack is a medium strength modified vinyl antifouling that provides 12-24 months of solid performance with excellent weathering qualities as compared to rosin type antifouling. Recommended for use on the underwater areas of fiberglass, wood, and properly primed metal (except aluminum) boat hulls and can be used in fresh, salt and brackish waters.

- Reliable Protection > 12-24 months protection
- Vinyl Antifouling > Hard smooth surface
- Fast Drying > Can be Overcoated with itself after 6 hours
- Universal > Can be used in fresh, salt and brackish waters
- Compatibility > Overcoats most existing bottom paint

## PRODUCT INFORMATION

Product Code/Color	NAU662/1- Red
Finish	Matte
VOC (as supplied)	Less than 450 grams/liter. Less than 3.76 lbs. /gal
Specific Gravity	1.57
Volume Solids	47%
Typical Shelf Life	2 years
Unit Size	1-U.S. Gallon

## DRYING/OVER COATING INFORMATION

	<b>Drying</b>					
	10° C (50° F)		25° C (77° F)		35° C (95° F)	
	Min	Max	Min	Max	Min	Max
Touch Dry	2 hours	-	1 hour	-	30 min	-
Immersion	24 hours	3 months	12 hours	3 months	6 hours	3 Months

  

	<b>Overcoating</b>					
	<b>Ambient / Substrate Temperature</b>					
	10° C (50° F)		25° C (77° F)		35° C (95° F)	
Over Coated By	Min	Max	Min	Max	Min	Max
Union Jack	24 hours	3 months	12 hours	3 months	6 hours	3 months

## APPLICATION AND USE

### Preparation

**BARE FIBERGLASS:** Scrub the surface thoroughly with a stiff brush using soap and water. Flush with fresh water to remove the soap residue and allow surface to dry. Remove mold release wax and surface contamination by wiping down the surface with Xylene using the two-rag method. Fill any surface imperfections with approved filler for underwater use. Sand the entire surface with 80-grit sandpaper until a flat matte finish is obtained. Wipe the sanding residue off the surface with Xylene using the two-rag method. Apply two coats of Union Jack allowing for appropriate dry times.

**PREVIOUSLY PAINTED SURFACE - GOOD CONDITION:** Remove all traces of loose paint by sanding the entire surface with 80 grit wet-or-dry sandpaper; wipe surface clean with Xylene using the two-rag method before and after sanding. Apply two coats of Union Jack allowing for appropriate dry times.



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## Antifouling

**PREVIOUSLY PAINTED SURFACE - POOR CONDITION:** Completely remove old antifouling paint, after all old antifouling paint has been completely removed, sanding the entire surface with 80 grit wet-or-dry sandpaper; wipe surface clean with Xylene using the two-rag method before and after sanding. Apply two coats of Union Jack allowing for appropriate dry times.

**BARE WOOD:** Sand the entire surface with 80 grit wet-or-dry sandpaper; wipe surface clean with Xylene using the two-rag method before and after sanding. Apply the first coat of Union Jack thinned 20% with Xylene. Apply two finish coats of Union Jack allowing for appropriate dry times.

**UNDERWATER METALS:** Apply an approved underwater metal primer as per manufacturer's instructions. Apply two coats of Union Jack allowing for appropriate dry times. **Do not use on aluminum.**

### Application Methods

**Mixing** Stir well before use.

**Cleaner** Acetone or Xylene

**Thinning:** Thin 20% with Xylene Do not exceed 20% by volume.

**Ventilation and Humidity Control** Apply in dry, well ventilated conditions.

**Roller** Use a 3/8" nap solvent resistant roller.

### Some Important Points

For use on fiberglass, wood or properly primed steel and lead. It is very important that bare fiberglass be prepared properly to prevent delamination of primer and/or antifouling paint. Apply a minimum of two coats of Union Jack. Do not apply when temperature is below 50 °F / 10° C. Stir well before and during use, can be applied by brush, roller (3/8" nap solvent resistant roller) or spray. Colors may fade or change above the waterline. **Do not use on aluminum.**

### Compatibility

Union Jack can be applied over most other antifouling paints provided the old coating is tightly adhered, is in sound condition and has been thoroughly sanded with 80 grit wet-or-dry sandpaper. Do not apply over tin-based or vinyl based antifouling paints.

### Maintenance

Antifouling are not effective under all conditions. Pollution, usage and natural occurrences can adversely affect an antifouling paint's performance. Therefore, we strongly suggest that the antifouling paints are checked regularly to make sure it is clean and that no growth is occurring. The less a boat is used, and the longer the idle periods are the higher the chance of fouling. Properly functioning antifouling paints will repel hard growth and requires only occasional light wiping with a soft cloth or Scotch-Brite™ pad to remove slime. Aggressive cleaning of antifouling paints, using tools such as scrubbing pads and brushes, will shorten the effective life of the paint, and should only be used if necessary.

### Number of Coats

2 coats, 3 on bare wood

### Coverage

382 sq. feet/gal (9.4 m<sup>2</sup> per litre ) at 4.2 mils WFT and 2 mils DFT

### Recommended DFT

2 mils

### Recommended WFT

4.2 mils

### Application Methods

Brush or roller



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## TRANSPORTATION, STORAGE AND SAFETY INFORMATION

### Storage

#### GENERAL INFORMATION

Exposure to air and extremes of temperature should be avoided. For the full shelf life of the product to be realized ensure that between use the container is firmly closed and the temperature is between 5°C/40°F and 35°C/95°F. Keep out of direct sunlight.

#### TRANSPORTATION

The product should be kept in securely closed containers during transport and storage.

### Safety

#### GENERAL

Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

#### DISPOSAL

Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal. Remainders of this product cannot be disposed of through the municipal waste route or dumped without permit. Disposal of remainders must be arranged for in consultation with the authorities.

### IMPORTANT NOTES

*The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further written enquiries as to the suitability of the product for the intended purpose does so at their own risk and we can accept no responsibility for the performance of the product or for any loss or damage (other than death or personal injury resulting from negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.*

