

Sea~Barrier Alloy 100

Aluminium Safe Tin-Free Antifouling

FEATURES

Sea~Barrier Alloy 100 is:

- Slime resistant
- Available in three distinctive clean colours
- Excellent for aluminium vessels and stern-drives
- Tin free
- Economical - 2 coats at 75µm giving superior performance over most competitive aluminium-safe anti-foulings

Sea~Barrier Alloy 100 is an advanced anti-fouling using a combination of time proven copper thiocyanate and selected booster biocides.

Approvals

NZ HSNO – Reg: HSR000038

Meets IMO 2003 Tin-Free Regulations; MEPC.102(48) – Independently tested and certified by PRA reference 07/269/NP-F.

Bureau Veritas IMO Type Test Approval Certificate No. 20615/AO BV

RECOMMENDED USES

Sea~Barrier Alloy 100 is designed for commercial use on aluminium vessels working in and off shore.

Sea~Barrier Alloy 100 is also recommended for use on aluminium components such as stern drives, jet-drives, outboard motors etc on vessels otherwise anti-fouled with more conventional copper based anti-foulings such as AF 1000, 3000 and AF 4000.

Sea~Barrier Alloy 100 is also recommended as an 'isolation coat' and anti-foulant on, and extending approximately 150mm around, immersed skin fittings, intakes, sea-chests, exhausts, stern-drive mountings etc. as a component in the proprietary Altex ZECA System for installing copper anti-foulings on aluminium vessels (refer to customised ZECA specifications for detailed information).

Limitations of Use:

- Sea~Barrier Alloy 100 has been extensively tested in New Zealand and international waters with excellent results when compared with competitive products. However conditions such as water salinity, dissolved nutrients, temperature, tidal flow, service speeds etc all impact, positively or negatively, on ultimate performance. Factors over which Altex has no control.
- Sea~Barrier Alloy 100 has been optimised for spray application. When brushing or rolling it is essential to use the correct thinner (as noted below). When brushing or rolling it is recommended to carry this procedure out in the cool of the day. Hot or windy conditions tend to make the freshly applied coating sticky, with the risk of roller 'pull-off'.

SPECIFICATION DATA

Coating Type:	Proprietary resin blend aluminium safe anti-fouling
Colour:	Red, Blue & Black
Packaging:	10 litre pails
Mix Ratio:	N/A - Single package
Gloss:	Flat
Flash Point:	41°C - Setaflash
Thinner:	Spray - Thinner X-100 <u>Brush or Roller - Thinner 8641</u> <u>maximum 10% thinning</u>
Storage:	Store under cool, dry conditions

Density:	1.36 kg per litre
VOC:	441 gms per litre
Volume Solids:	47% ± 2%
Theoretical Coverage Rate:	6.27 square metres per litre at 75 microns dry
Recommended Film Thickness Per Coat:	106-159 microns wet to obtain 50-75 microns dry

Application:
 Conventional or airless spray preferred. Refer to notes above and thinning instructions to the left when brushing or rolling.

Dry Times (75 µm DFT / 50% R.H. / 25°C):

	<u>To Recoat</u>		<u>To Launch</u>
	<u>Spray</u>	<u>Brush</u>	
32°C	3	6	16
21°C	4	8	24
4.5°C	8	16	36-48

MAXIMUM LAUNCH TIME: 60 days

