



AGUA

The Metal Primer for Merchant Ships

AGUA MG100



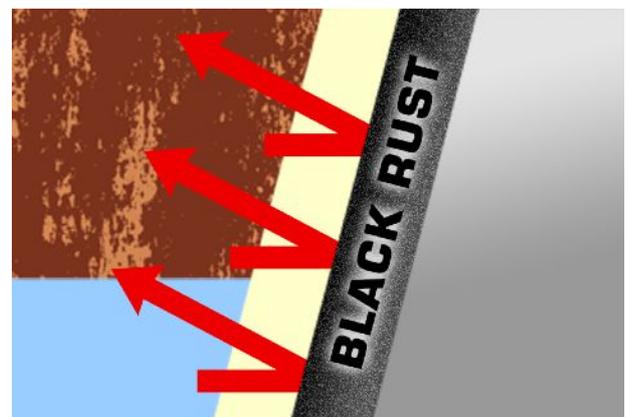
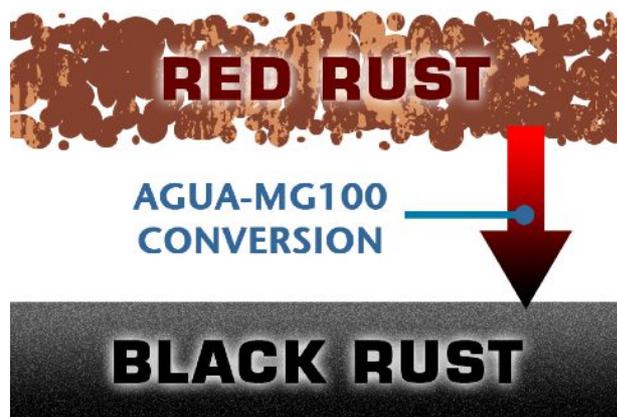
# TIME-TESTED & PROVED ONBOARD

AGUA MG100 (AGUA MARINE GUARD) is an epoxy-resin based metal primer designed for application to rusted steel surfaces in severe conditions. Its efficiency is proved by 30-month long-run onboard tests under "REAL" conditions. Introduced to the market in fall 2016, AGUA MG100 is now used on a variety of vessels, including bulkers, coal/salt/chip carriers and LNG carriers.



## ★UNIQUE MECHANISM TO PREVENT CORROSION★

AGUA MG100 converts red rust into a harder and more stable black rust (magnetite) layer and acts as a long-lasting Primer.



The images shown above are for illustration purposes only.

**UNRIVALED  
PERFORMANCE**

Thanks to its unique formula, AGUA MG100 quickly penetrates into rusted steel to effectively protect the surface from corrosion.

**QUICK &  
FRIENDLY**

AGUA MG100 takes only 1 hour to dry at 20 degree celsius. You are then free to coat almost any intermediate and final paints at your choice on AGUA MG100 layer.

**GREAT  
WORK SAVER**

AGUA MG100 is an easy-to-handle one-part product that requires only minimal surface preparation. Ideal for use onboard.

Background Photo : a hatch cover without MG100 layer (above) and another with MG100 layer (below)

**Laboratory Test A** (single coat – SPCC in salted water shower x 480hours @35°C 98%RH)



AGUA MG100



Competitor A



Competitor B

**Laboratory Test B** (double coat – SPCC in salted water shower x 480hours @35°C)



AGUA MG100



Competitor A



Competitor B

## Recommended Uses :

Rusted steel surface in heavy duty environments, including ships (deck, cargo hold, ballast tanks, piping etc.), port cargo handling facilities, marine structures, FPSO, oil tanks, forklifts, etc.



## Characteristics :

| Type    | Epoxy-resin based rust converting metal primer (one part) |
|---------|---|
| Color   | Clear   |
| Package | 16kg / 3.6kg / 0.9kg                                      |

## Painting Specifications :

| Process                  | Coverage / Description   | Average Consumption (g/m <sup>2</sup> ) | Dilution | Standard Thickness | Painting Interval              |
|--------------------------|--|---|----------|--------------------|--------------------------------|
| Recommended Method       | Brush, Roller or Spray   |   |          |                    |                                |
| Surface Preparation      | Remove loose rust/coating and oil using a hand scraper or wire brush, or powered tools when/if possible. For details, refer to instruction manual. | -                                       | -        | -                  | -                              |
| 1st Coat                 | approximately 160~200m <sup>2</sup> / 16kg   | 80~100                                  | None     | 10-13μ             | 1 hour (under 20°C conditions) |
| 2nd Coat                 | approximately 160~200m <sup>2</sup> / 16kg   | 80~100                                  | None     | 10-13μ             | 1 hour (under 20°C conditions) |
| Intermediate / top coats | as per the specifications of intermediate / top coats  | ←                                       | ←        | ←                  | ←                              |

Note :

Actual figures may vary, depending on the material and weather conditions.

**Before using, read carefully the instruction manual and SDS documents.**



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The information and data given in the catalogue are correct to the best of our knowledge, but the accuracy is not guaranteed. The specifications and characteristics are subject to change without notice. (October 1, 2024)