

## TECHNICAL DATA SHEET

## Ecomaxx Aqua Gloss

Version: v02 May 2023

## Product Description

**Ecomaxx Aqua Gloss** is a premium water-based modified acrylic enamel. It delivers the performance and characteristic of a conventional solvent-based alkyd gloss enamel with value added advantage of an eco-friendly, non-toxic and low odour gloss enamel. It is easy to apply and provides non-yellowing high gloss, good colour retention and good durability.

## Recommended Use

Exterior and interior use for metal and wood surfaces. It is suitable for new and repainting projects.

## Technical Properties

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Binder               | : Modified Acrylic                                  |
| Solids (% by Volume) | : Approximately 40%                                 |
| Specific Gravity     | : Approximately 1.0 to 1.25                         |
| Flash Point          | : Non-Flammable                                     |
| Colour               | : Refer to Ecomaxx Colour Card for standard colours |
| Finish               | : High Gloss                                        |

## Application Information

Substrate: Iron, Steel, Timber, Woodworks

Recommended No. of Coats: 2

Recommended Dry Film Thickness:  
30 to 40  $\mu\text{m}$  / Coat

Theoretical Coverage: 10 to 13  $\text{m}^2$  / L / Coat  
(Does not include substrate condition and loss factors)

|             |             |              |
|-------------|-------------|--------------|
| Drying Time | : Touch Dry | 10 to 20 min |
|             | : Recoat    | After 1 hour |

## Application Methods

Applied By : Brush / Roller / Spray

Thinner : Clean Water

Clean Up : Clean Water

## Packaging &amp; Storage

Packaging : 1L, 5L & 18L

Shelf Life : 12 months - Unopened

Storage : Cool, dry and well-ventilated area away from heat and direct sun light. Lid must be kept tightly closed.

## Surface Preparation

## Steelworks

For maximum performance, abrasive blasting is the most effective and economical method. However, when blast cleaning is impractical due to site and safety limitations, hand power tool cleaning to St 3 (ISO 8501-1:1988) is recommended. Care must be taken to avoid excessive burnishing of steel surfaces. Prior to painting, ensure steel surfaces is thoroughly free from any oil & grease residues and foreign matter.

## New Timberworks

Timber substrate must be sound and free from dirt, grease and any contaminations. Scrape off all loose woodwork and all protrusions must be rounded-off. Fill nail-holes and minor imperfections with an

# TECHNICAL DATA SHEET

appropriate wood putty. Sand smooth with #320 sandpaper.

## Previously Painted Surfaces

All loose or defective paintwork or powdery residues shall be thoroughly removed by high pressure water jet cleaning. For timberworks, treat any areas affected by mould, lichens, algae and moss with fungicidal solution and make good defective areas. For steelwork maintenance painting, power brush spot rust areas and dilute paint to ensure good wetting. Apply by brush on spot rusted areas.

## Typical Recommended Painting System

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### Substrate: Timber, Wood

| <u>System</u> | <u>Product</u>           | <u>No. of Coats</u> |
|---------------|--------------------------|---------------------|
| Primer        | Ecomaxx Aqua Wood Primer | 1                   |
| Finish        | Ecomaxx Aqua Gloss       | 2                   |

### Substrate: Iron, Steel

| <u>System</u> | <u>Product</u>            | <u>No. of Coats</u> |
|---------------|---------------------------|---------------------|
| Primer        | Ecomaxx Aqua Metal Primer | 1                   |
| Finish        | Ecomaxx Aqua Gloss        | 2                   |

### Substrate: Previously Painted Timber, Wood,

| <u>System</u> | <u>Product</u>           | <u>No. of Coats</u> |
|---------------|--------------------------|---------------------|
| Primer        | Ecomaxx Aqua Wood Primer | 1                   |
| Finish        | Ecomaxx Aqua Gloss       | 2                   |

### Substrate: Previously Painted Iron, Steel

| <u>System</u> | <u>Product</u>            | <u>No. of Coats</u> |
|---------------|---------------------------|---------------------|
| Primer        | Ecomaxx Aqua Metal Primer | 1                   |
| Finish        | Ecomaxx Aqua Gloss        | 2                   |

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## Application & Cleaning Instructions

Paint is ready for use after thorough stirring. Thinning is not normally necessary, however, if required for better workability, do not exceed 5% of dilution ratio. Clean up equipment with immediately after use.

## Health & Safety

Ensure good ventilation during application and drying. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. During spray application, do not breathe in mist and wear suitable respiratory protective equipment. Keep out of reach of children.

## Complementary Products

It is recommended to use the Graphenstone and Ecomaxx products for complementary actions, according to the required application, repair and/or finish. Please, refer to the relevant Technical Data Sheets.

## Usage Warnings

None in particular for normal use and people who do not have special pathologies. Alkaline product, protect skin and eyes especially. Apply with good ventilation, do not inhale product. Keep out of reach of children.

## Waste Management

Help protect the environment, do not throw waste through the drain and use the nearest recycling centre.

## Responsible Gesture

Minimize the product waste by estimating the amount you will need. Recover the unused paint to give it a new use, keep it under the Storage section.

## Safety Information

For information regarding safety, physical, ecological and toxicological information see the latest version of the product's Material Safety Data Sheet.

# TECHNICAL DATA SHEET

## Disclaimer

The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes, which may occasionally result in marginal changes in the coating properties.