

TECHNICAL DATA SHEET

IGL Coatings™ Ecocoat Enhancer



Material no. **154312** Revision date **10.06.2019**
Version **1.14**

IGL COATINGS ECOSHINE ENHANCER

A QUICK COATING SYSTEM FOR HYDRO AND OLEOPHOBIC TREATMENT OF PAINTS (ALKYD, ACRYLIC, POLYURETHANES, EPOXIES).

DESCRIPTION

ecoshine enhancer is a user-friendly, VOC-free coating system for almost all types of paints surfaces. **ecoshine enhancer** is water-based, long-term gloss retention, outstanding weathering resistance and excellent finish quality coating system. The consumption of the product will depend on the application method, approximately 5-10 ml/m² is sufficient for most applications.

Technical data

Property	Value	Method
Flash point	Would not flash	DIN 51755
Boiling point	Not applicable	DIN 51755
Specific Gravity	1 (at 20°C)	DIN 51757

Applications

Treatment of automotive, marine and aviation paints.

Processing

- Do not apply the product at temperatures below 5°C (41°F).
- Do not expose the surfaces to be treated to direct sunlight before or during application
- The surface must not be hot during application.
- Provide adequate ventilation and fresh air during application.
- If the substrate was previously treated with a coating system, proper removal, preferably with a polishing agent is important to ensure that the products bonds with the surface.

Step 1: Cleaning the surface

- The temperature during application should be in the range of 5-40°C (41-104°F), **preferably 20-26°C (68-78.8°F)**. Ensure that the surface is clean **BEFORE** application.
- In order to permit sufficient chemical bonding of **ecoshine enhancer** to the substrate, the surface must be carefully cleaned of all contaminants before the application. The long-term stability and abrasion resistance of the coating depends on how well **ecoshine enhancer** has chemically bonded with the surface.
- It is highly recommended to polish the surface with an abrasive system to remove all hard bearing contaminations on the surface.
- The additional use of **ecoclean iron** is recommended to remove iron particles or fallout.
- Use **ecoclean wash** to thoroughly remove all remaining residue and leftover film on the surface.
- Dry the surface before degreasing the surface with **ecoclean multi** or **ecoclean precoat**. It is recommended to use the IGL Microfiber Cloth for degreasing. The degreasing ensures a completely clean and reactive paint surface.
- Coat the cleaned surface immediately after cleaning to prevent any contamination.

Step 2: Treatment process

- Shake bottle well and spray some **ecoshine enhancer** onto a clean dry IGL Microfiber Cloth.
- Apply the product lightly on the surface in a 3x3 feet area, in a vertical (up and down) then horizontal (left and right) motion.
- Always ensure the areas coated are overlapping.
- Polish the coated surface in until the haze disappears.

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- Allow the coating to cure for 30 minutes (5-50°C or 41-122°F), then apply a second layer and polish the coated surface in until the haze disappears.
- The hydrophobic effect generally can be seen depending on the substrate, reactivity and temperature after its initial curing stage and is further enhanced after a few minutes.
- Air dry the coated surface after application for approximately 4 hours and avoid contact with water.

Curing Time

- The applied coating will be ready to be layered in 30 minutes (5-50°C or 41-122°F).

Cleaning and Maintenance

Surfaces coated with **ecoshine enhancer** should be cleaned with cleaners in the pH range 3-9. Strong (mineral) acids or alkalis should be avoided and are also unnecessary as neutral cleaners are generally sufficient to clean vehicles coated with **ecoshine enhancer**.

Safety and handling

For your safety, toxicological data and information on property transportation, storage and use, please read the Material Safety Data Sheet (MSDS) before using any **IGL Coatings products**. The MSDS is available upon request via email from sales@iglcoatings.com.

Disposal:

Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of split material and runoff and contact with soil, waterways, drains and sewers.

Storage

ecoshine enhancer is storage-stable for at least 12 months in originally sealed containers.

Opened bottles should be used within 6 months.

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