

TECHNICAL DATA SHEET

MARINE SOLUTIONS LEATHER GUARD



Material no. **154318** Revision date **06.03.2023**
Version **1.16**

MARINE SOLUTIONS LEATHER GUARD

A COATING SYSTEM FOR HYDRO AND OLEOPHOBIC TREATMENT OF LEATHER AND VINYL.

Description

leather guard is a user-friendly and VOC-free ceramic coating system for almost all types of treated leather and vinyl surfaces. **leather guard** is high solids, long-term color retention, outstanding weathering resistance and excellent finish quality ceramic coating system. The consumption of the product will depend on the application method, approximately 1-5 ml/m² is sufficient for most applications.

Technical Data

Property	Value	Method
Flash point	>70°C	DIN 51755
Boiling point	180-220°C	DIN 51755
Specific Gravity	1 (at 20°C)	DIN 51757

Applications

Treatment of all treated leather and vinyl surfaces.

Processing

- Do not apply the product at temperatures below 5°C (41°F).
- Do not expose the surfaces to be treated to direct sunlight.
- The surface must not be hot during application.
- Provide adequate ventilation and fresh air during application.

REMINDER: Always test on an inconspicuous area first. Kindly contact your local IGL Coatings representative if you need advice.

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)**.
- In order to permit sufficient chemical bonding of **leather guard** to the substrate, the surface must be carefully cleaned of all contaminants before the application. The durability of the coating depends on how well **leather guard** has chemically bonded with the surface.
- It is highly recommended to clean the leather surface with **vanish or prep** to remove all hard bearing contaminations.
- Wipe the surface again with water to ensure proper removal of any leftover film on surface.
- It is recommended to use IGL Microfiber Cloth for cleaning and 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

- Place a few drops of **leather guard** on the provided application cloth in a vertical direction.
- Apply the product lightly on the surface in a 3x3 feet area, in a vertical (up and down) then horizontal (left to right) motion.
- Always ensure the areas coated are overlapping.
- Wait for about 2-5 minutes (or when there is a small resistance in buffing) then buff off with a clean dry IGL Microfiber Cloth.
- Allow coating to cure for 2 hours (5-50°C or 41-122°F) or 1 hour (60°C or 140°F) and then apply a second layer and buff off after 2-5 minutes with a clean dry IGL Microfiber Cloth.

Important Note: Do not let the film dry sporadically. If it dries within 2 hours, the film can be removed with a small amount of leather guard. If it has been allowed to harden for more than 12 hours, it will need to be polished off and reapplied.

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- 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 hours.
- 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 buffed off in 2-5 minutes.
- The coating will be ready to be layered as follows:
 - 2 hours (5-50°C or 41-122°F); or
 - 1 hour (60°C or 140°F); or
 - 15 minutes (infrared short wave); or
 - 15-20 minutes (infrared medium wave).

Important Note: Longest interlayer duration is 12 hours.

- The applied coating will fully cure in 3-5 days.
- During this period the surface should not be washed with any harsh shampoos, all-purpose cleaners or any product containing caustic soda. **This will damage the hydrophobic properties.**
- If necessary, the coated surface may be washed with just normal water during this period.
- **vinyl & leather protector** can be applied to **leather guard** coated surface to improve the soft texture of the surface.

Cleaning and Maintenance

Surfaces coated with **leather guard** 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 leather surfaces coated with **leather guard**.

Safety and Handling

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

Disposal

Dispose product residue in incompletely emptied bottles by bringing it to the municipal collection point for hazardous waste. To dispose emptied bottles, dry the bottles out by exposing the bottles to air with cap open. The bottles may be recycled once completely dried.

Storage

leather guard is storage-stable for at least 12 months in originally sealed containers. Opened bottles should be used within 6 months.

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