

TECHNICAL DATA SHEET

IGL Coatings™ Ecocoat Leather

Material no.

Specification

Version

154318

1.10

Revision date

Print date

Page

14.05.2018

14.05.2018

Page 1 of 2



IGL Coatings Ecocoat Leather is a coating system for hydro- and oleophobic treatment of leather and vinyl.

Description

Ecocoat Leather is a user-friendly low VOC free coating system for almost all types of treated leather surfaces and vinyl. Ecocoat Leather is high solids, long-term color retention, outstanding weathering resistance and excellent finish quality coating system. The consumption of the solution depends on the application method, mostly about 1-5 ml/m² are sufficient.

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.

Processing

- Do not apply the product at temperature below 5°C!
- Do not expose surfaces to be treated to sunlight. Make sure that the surface is not hot.
- Provide adequate ventilation and fresh air!
- If the surface was treated in the past with a different coating system, proper removal with a removal agent is crucial.

Step 1: Cleaning the surface

Before the application of this mixture, the substrate has to be cleaned. Keep the mixture unstirred. The temperature during processing should be in the range of 5-50°C, preferably 20-26°C.

In order to permit sufficient chemical bonding of Ecocoat Leather to the substrate, the surfaces have to be carefully cleaned before the application. The long-term stability and abrasion resistance of the coating depends on how well Ecocoat Leather is chemically bonded.

The surface to be treated is recommended to be cleaned with ecoclean Precoat to remove all hard bearing contamination.. Wipe the surface again with water to ensure proper removal of any leftover film on surface. Use of a IGL Microfiber is recommended.

The cleaning and degreasing ensures a completely clean and reactive paint surface. Just after the cleaning, the surface should be coated.

Step 2: Treatment process

Direct exposure to sunlight during application should be avoided. Place a few drops of Ecocoat Leather onto the provided microfiber application cloth in a vertical direction. Apply the coating lightly in a 3x3 feet area vertically then horizontally motion, always ensuring an overlapping coated area.

Wait for about 2-5 minutes (or when there is a small resistance in buffing) then buff off with a clean dry microfiber cloth. Continue the process on the intended surface. Allow coating to cure for 2 hours (5-50°C) or 1 hour (60°C) then apply a second layer. Do not let the film dry sporadically. If it dries within 2 hours, the film can be removed with a small amount of Ecocoat Leather. If it has been allowed to harden for more than 12 hours, it will need to be polished off and reapplied.

TECHNICAL DATA SHEET

IGL Coatings™ Ecocoat Leather

Material no.

Specification

Version

154318

1.10

Revision date

Print date

Page

14.05.2018

14.05.2018

Page 2 of 2



A 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.

After application the coating should be air-dried for about 4 hour and avoid water contact.

Curing Time

- ready to be buffed off in 2-5 minutes
- ready to be layered in 2 hours (5-50°C) or 1 hour (60°C)
- longest interlayer duration is 12 hours
- full cure in 3-5 days. During this period the surface should not be washed with any harsh shampoo, APC or anything containing caustic soda. This will damage the hydrophobic properties. Coated surface can be washed with just plain water during this period.
- Ecoshine Leather can be applied to Ecocoat Leather coated surface improve the soft texture of the surface.

Cleaning and Maintenance

Surfaces coated with Ecocoat Leather 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 Ecocoat Leather

Safety and handling

Before considering the use of IGL Coatings products please read its Material Safety Data Sheet (MSDS) thoroughly for your safety and toxicological data as well for information on proper transportation, storage and use. The Material Safety Data Sheet is available upon request via email from sales@iglcoatings.com

Disposal:

The product residue remaining in incompletely emptied flasks may be disposed of only by bringing it to the municipal collection point for hazardous waste. For proper disposal of completely emptied flasks, first dry them out by exposing them to fresh air. Once dry, they may be safely recycled.

Packaging and storage

Ecocoat Leather is delivered in glass bottles (30ml)

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

This information and all technical and other advise are based on IGL Coatings's present knowledge and experience. However, IGL Coatings assumes no liability for such information or advise, including the extend to which such information or advise may release to third party intellectual property rights. IGL Coatings reserves the right to make an changes to information or advise at any time, without prior or subsequent notice. IGL COATINGS DISCLAIM ALL REPRESENTATIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, AND SHALL HAVE NO LIABILITY FOR, MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR A PARTICULAR PURPOSE (EVEN IF IGL COATINGS IS AWARE OF SUCH PURPOSE), OR OTHERWISE. IGL COATINGS SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. It is the customer's sole endorsement of the corresponding product, and does not imply that similar products could not be used.