



SEAL Graphics Europe warranty system

for water-based inkjet printing

SEAL Inkjet Longlast Vinyl system

SEAL Inkjet Longlast Vinyl Matte 80 PA + Print Shield Pro Gloss / Lustre / Matte

Contents: Preconditions and processing instructions, Warranty & Warranty claim form

SEAL Graphics Europe warranty system for water-based inkjet printing

SEAL Inkjet Longlast Vinyl system

- SEAL Inkjet Longlast Vinyl Matte 80 PA + SEAL Print Shield Pro Gloss/ Lustre/ Matte

Preconditions and processing instructions

Water-based Inks

Water-based inks are frequently used for a multitude of applications in the graphics market, be it indoor or outdoor application. Because of the nature of water-based inks, they are always subject to reaction with water and are limited in suitability for outdoor use.

Drying

Due to the characteristics of water-based inks, allowance of proper drytime is one of the most important things when processing these materials. Without proper dry time, humidity will be retained inside the ink receptive coating of the print media and will after laminating be trapped inside the compound. When this has happened, severe damage to the application is almost inevitable, as retained humidity will form patches within the compound where the adhesive will lose strength, causing a higher risk of delamination problems. We recommend a dry time not below 12 hours; make sure the media is allowed to lie flat without being wound or covered. After laminating, allow another 4 hours to achieve a strong bond between print and laminate.

Application

The SEAL Inkjet Longlast Vinyl system is especially designed for use in outdoor applications like outdoor signage, advertising signs, wall decorations and applications to all common, smooth and closed surfaces. Application on vehicles is possible, but make sure **the SEAL Inkjet Longlast Vinyl system** is not applied over sharp creases and bends. Only apply it on even or slightly curved surfaces.

To ensure safe and sound use and handling of the **SEAL Inkjet Longlast Vinyl system**, take care that the application temperature is not below 15°C and that the material is handled carefully, without any bends or damages. When applying, make sure no air is trapped underneath the compound and the edges of the compound are firmly affixed to the applied surface.

The properties and respective characteristics of the materials involved in forming the warranted compound can be found in the technical data sheets and have to be observed when processing and applying the materials.

SEAL Graphics warranty system for water-based inkjet printing

SEAL Inkjet Longlast Vinyl system

- SEAL Inkjet Longlast Vinyl Matte 80 PA + SEAL Print Shield Pro Gloss/ Lustre/ Matte

Warranty

SEAL Graphics Europe warrants that its products will perform as stated in the technical datasheets. SEAL Graphics Europe warrants the **SEAL Inkjet Longlast Vinyl system** for **2 years**. Within this period the **SEAL Inkjet Longlast Vinyl Matte 80 PA** or **SEAL Print Shield Pro** products will not delaminate, crack or bubble.

All warranties reflect normal applications in mid-continental climates. In tropical, subtropical or desert climates the lifetime of the graphics will be reduced and the warranty is not valid to the full extent.

The life expectancy of the components is based on original or recommended water-based pigmented inks of the printer manufacturer. Color fading or damages caused by malicious acts or accidental causes are excluded from the warranty. Also, use of other than the specified type of ink causes the warranty to lose validity.

Damage caused by misuse of the products are not covered by the warranty, e.g.

- surface damage caused by aggressive chemical cleaners
- abrasions caused by brushes (or other cleaning tools)
- non compliance to drying times
- application on improperly prepared surfaces
- poor transportation or storage practices

Over the course of the warranty period some slight cracking, edge lift and adhesive release in stressed areas is normal and does not constitute warranty claims.

Due to many influences to the final image quality like type of ink, type of printer, RIP or climate, SEAL Graphics Europe does not take any responsibility for the final image quality.

In the event of a failure SEAL Graphics Europe will replace the supplied media and laminate at no cost. SEAL Graphics Europe does not assume liability for additional damages, labor costs or loss of revenue. All claim forms must include product production code and a copy of the invoice to verify date of purchase and expiration dates. Forms must be filed within 45 days of date of failure. Also, a sample of the actual finished product has to be kept by the user for reference and needs to be sent with the claim form for evaluation and claim processing.

Important note

SEAL Graphics products are of a professional nature and require knowledgeable and skilled craft persons to properly identify, assemble and install.

SEAL Graphics Europe B.V.

Warranty claim form

Please fill in the information and send this form to your distributor.

Company name:

Contact person:

Address:

Phone:

E-mail:

Project name:

Project location:

Date of application:

Print media production batch code:

Laminate production batch code:

Printer type:

Printer settings / RIP used:

Ink brand:

Drying time:

Laminator brand and model:

Laminator settings:

Brief description of project (include amount of claimed material):

Brief description of application process (include surface preparation):

Brief description of failure (include personal opinions and observations):

Date:

Signature: