

# LDI for Glass

Code M994717K001000

## PRODUCT DESCRIPTION

Two-component solvent-based ink.

## APPLICATION FIELDS

*LDI* (Light Diffusing Ink) *For Glass* is developed for printing on clear and extra-clear float glass panels, intended for LED edge lighting.

The printed image is transparent when the light is off, while it diffuses the light in the same colour as the selected LED when the light source is turned on.

The product is indicated for Habitat and Signage industries.

## APPLICATION PROCESS

<b>Substrates</b>	Clear and extra-clear float glass
<b>Th/Cm</b>	From 77 to 120 Th/Cm
<b>Emulsion</b>	<ul style="list-style-type: none"> <li>• <i>Zero-In Universal Plus</i></li> <li>• <i>Zero-In SR-V</i></li> </ul>
<b>Squeegee</b>	Square edge Squeegee hardness 60-65 shores
<b>Drying</b>	Hot air oven at 165°C for 20 min.
<b>Catalyst</b>	16% <i>Serink 10-15 Catalyst</i> (Cod. M994712K001000)
<b>Blank Ink</b>	<i>Serink Transparent for Glass</i> (Cod. M994720K001000)
<b>Thinners</b>	<i>Retarder 90.998</i> (Cod. A31890998)
<b>Storage</b>	If kept in its original sealed package, the product has a shelf-life of 2 years
<b>Safety Data Sheet</b>	Available on request

## GENERAL FEATURES

- Excellent chemical resistance
- Excellent outdoor resistance
- Excellent adhesion
- Transparency

## PREPARATION

Before using it, the ink must be mixed well.

Add 16% of *Serink 10-15 Catalyst* M994712K001000 into the ink and stir well. In case, dilute with *Retardant 90.998* A31890998 up to 20% in weight, according to printing requirements.

## TECHNICAL FEATURES

The performance of the product, printed with a 120 th/cm screen, is about 50-60 m<sup>2</sup>/Kg. These data are merely an indication, since they depend on the dilution, the substrate and the printing equipment.

## OPTICAL FEATURES

Depending on the artwork size, the product has to be appropriately diluted with the blank ink *Serink Transparent for Glass* (Cod. M994720K001000), so that the diffused light can spread evenly on the printed surface.

According to the th/cm of the screen, the diffused light can be conveniently tuned by modifying the thickness of the printed ink.



## SPECIAL INSTRUCTIONS

- Always test the characteristics of the product before starting production.
- The above information is the result of previous knowledge and experience; it is neither a guarantee nor an assurance.

## IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us of the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.