

IRIS GLASS PRIMER

Special purpose adhesion promoter for printing glass with UV inkjet inks

Usage and purpose	The IRIS Glass Primer forms an adhesion promoting layer between glass and UV curing systems such as UV inkjet inks. The primer is applied directly to the glass surface. Once the solvent evaporates, a transparent layer is formed providing a chemical bond between the glass structure and the the UV-curing inks.
Benefits	<ul style="list-style-type: none"> • superior UV-ink adhesion and moisture resistance • 100% transparent, crystal-clear • low-odour • non-hazardous, no labeling required! • high efficiency (coverage min. 100 m² / 1100 sq.ft / liter) • drying at room temperature • 1-component system, ready for application • ease of use • compatible with all UV-inkjet systems (mercury-vapour and LED)
Physical characteristics	<p>density (g/cm³) approx. 0,97 flash point (°C) > 70 pH 4-5 liquid colorless, crystal-clear low odour</p>
Application rate	5 -10 ml per m ² / 11 sq.ft (depending on application)
Application	<p>The use of protective gloves and glasses is recommended. Determine the atmospheric side of the glass*) - not the tin side - and clean it thoroughly. Use a lint free cloth or tissue to evenly apply wiping a small amount of IRIS Glass Primer. Make sure that the entire glass surface is thinly and evenly wetted. Let sit for a few minutes. Remove any liquid residues by wiping and polishing with a lint free cloth or tissue until the glass is dry and completely clear. Larger glass panels can be polished residue-free with a buffing- or polishing machine. Ready for printing! If necessary primed glass can be stored in dark for 24 hours prior to printing.</p>
Processing instructions	<p>The glass surface to be treated and printed must be completely dry, free of dust, grease and other contamination. Do not apply IRIS Glass Primer at temperatures below +4 and above +50 degrees Celsius and at a humidity above 80% RH. Avoid motives with very little color as well as satinato- and etching effects since ink-overspray may negatively affect the result!</p> <p>*) To identify the atmospheric side of the glass we recommend the „TinCheck“ instrument by Bohle or a similar device.</p>

Possible hazards	classification according to RL 1999/45/EG / according to regulation (EG) Nr. 1272/2008: no obligation for indication. Identification elements: none At higher concentrations the glass primer can have a narcotic and irritating effect for the respiratory system. Care for good ventilation. The primer may cause skin- and eye irritation. The use of protective gloves and glasses is recommended.
Form of delivery	1-component system, ready for application
Packaging	1000 ml / 500 ml / 250 ml bottled in lightproof plastic bottles, 5 liter and bulk at request
Shelf life	12 months in sealed bottle Store dark and cool at temperatures above zero degrees Celsius Keep away from sunlight and heat
Environment	low hazardous to waters readily biodegradable (> 70% after 28 days)
Transport	non dangerous good according to shipping regulations
Date	11/2025

Although prepared with greatest care, no responsibility or liability is taken or accepted for the correctness of the information presented here.



IRIS Glass Primer
Stefan Fiedler
Kaastrabengasse 12/1
A-1190 Vienna, Austria
tel.: +43 6991 5079659
www.glasprimer.at
office@glasprimer.at