



Building Partners  
through Glass  
**HARTUNG**  
GLASS INDUSTRIES

**HDG**  
Exterior

**HDG**

HIGH DEFINITION  
**GLASS**  
FOR ARCHITECTURE

**Digital In-Glass Printing**  
**Imagine it. Print it in glass.**

High Definition Glass (HDG), 720 DPI digitally printed glass is now available from Hartung Glass Industries. HDG provides a new medium for artistic expression while enabling control over all architectural and decorative glass properties.

The versatility of digital printing combined with the durability of ceramic inks makes HDG the preferred choice for any artistic glass application.



- Translucency/opacity
- SureStep slip resistant stair treads
- Solar heat gain coefficient
- Privacy levels
- Bird-friendly design

**OUTSTANDING FUNCTIONAL PERFORMANCE**

The latest innovations in glass printing technology open new opportunities to combine boundless creativity with highly controlled functionality. Full expression of artistic vision and outstanding budget-smart performance delivery are now possible with digital ceramic in-glass printing.

Easy implementation – of any pattern or design, with unlimited colors, and high resolution for fine details.

Simplify Installation – HDG has the ability to custom print each lite/IG unit with a tag number or label for easy installation and replacement.

Durability and accuracy – Inks are fused into the glass, providing unmatched resistance to scratching, acid, UV light and weather. Precise micro-drop printing allows accurate photorealistic and graphic designs.

A new medium for artistic expression – The ability to combine transparent, translucent and opaque details, full freedom in colors and shades and the possibility to create double-vision designs.

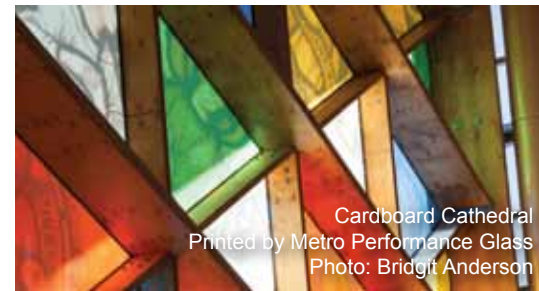
**When to select HDG Digital In-Glass Printing:**

- One-offs or low volume projects (no screen costs)
- High resolution, photo quality images
- Large mosaic facades
- Color matching
- Multiple colors

**Urban Renewal - UV Resistance - Solar Control - Shading Control**



Cardboard Cathedral  
Printed by Metro Performance Glass  
Photo: Bridgit Anderson



Cardboard Cathedral  
Printed by Metro Performance Glass  
Photo: Bridgit Anderson



AFI Mall  
Printed by AKMA



Glass Farm  
Printed by AGC Glass Europe



Origami Building  
Printed by Interpane Sicherheitsglas GmbH



Building Partners  
through Glass  
**HARTUNG**  
GLASS INDUSTRIES

**HDG**  
Interior



**720 DPI High Definition  
Artistic Freedom &  
Functionality Control**



Interior HDG products & applications available from Hartung Glass Industries:

- Agalite and Holcam Shower & Bath Enclosures
- Blast / Ballistic Resistant Security Glazing
- TVS Railing Glass & Partitions
- TVS All Glass Doors
- Backsplashes
- Sculptures
- Furniture
- Signage
- Logos

**HDG General Guidelines:**

24 high definition print heads - 720 dpi

Minimum Digital Printed Size: 12" x 12"

Maximum Digital Printed Size: 84" x 142-1/2" (500-lbs)

Color matching to the most popular color systems including Pantone®, Benjamin Moore® and Sherwin Williams®.



HDG Urban Harbor Shower Pattern



Motorcycle Showroom  
Printed by Dip-Tech

TOTAL  
VISION  
SYSTEMS



Decorative Glass Solutions

For information, samples and locations:

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Crown Metropol  
Printed by Cooling Brothers Glass Company