

# **Invicon®**

## **Color Without Compromise**

Curable Design Materials for Jewelry and Watchmaking



# The Invicon Material Range

Bring bold color, enduring surface quality, and production flexibility to your jewelry with Invicon's premium cold enamel systems. Trusted worldwide by jewelers, watchmakers, and luxury brands, these high-performance materials are engineered for beauty and strength.

- Perfect for studio artisans or production shops
- Compatible with blue-light curing systems and standard jewelry finishing techniques
- Can be engraved, shaped, and polished after curing



## HyCeram®

60% Hybrid Ceramic

HyCeram® is the top-tier solution for luxury applications. Its unique formula—60% microfine ceramic blended with 3D cross-linked polymers—offers maximum hardness and a durable, high-end finish.

### Key Features:

- Cures in a single step – even in deep or complex fills
- Surface hardness: 410 N/mm<sup>2</sup>
- UV-stable, chemical-resistant, and temperature-resistant to 200 °C
- Can be engraved, drilled, laser-etched, or galvanized
- Polishes to a true high-gloss finish
- Biocompatible – safe for skin-contact wear
- Excellent for production environments and premium design work



## LuxArt®

35% Ceramic Composite

LuxArt® strikes the ideal balance between creative freedom and surface strength. It flows easily during application but stays put for clean, precise results. Luxart can be cured with blue UV light, layer by layer.

### Key Features:

- Surface hardness: 210 N/mm<sup>2</sup>
- Ideal for opaque or semi-transparent finishes
- Efficient cartridge-based application
- Can be polished to a glossy or matte finish
- Compatible with galvanizing baths
- Requires layer-by-layer curing for deep fills
- REACH and RoHS compliant



## Luxon®

### Ceramic-Free Acrylate

Luxon® offers vibrant color expression with flexible transparency. Ideal for decorative layering, pastel effects, or bold neon accents—Luxon lets designers experiment with color and translucency.

#### Key Features:

- Surface hardness: 140 N/mm<sup>2</sup>
- Supports transparent, pastel, or high-intensity color designs
- Great for "window enamel" and 3D depth effects
- Compatible with effect pigments for shimmering finishes
- Can be layered to build color intensity
- Cures quickly with blue light (480 nm)
- Ready to use directly—no blending required

## Which Material Is Right for You?

Feature	Luxon®	LuxArt®	HyCeram®
Ceramic Content	0%	35%	60%
Surface Hardness	140 N/mm <sup>2</sup>	210 N/mm <sup>2</sup>	410 N/mm <sup>2</sup>
Color Effects	Transparent, Pastel, Neon	Opaque, Semi-Transparent	Intense, Opaque Luxurious Color
Curing Depth	Layer-by-layer	Layer-by-layer	Deep fill in one step
Finish	Matte to Gloss	Glossy, Polished	High-Gloss, Mirror-Like
Application	Manual	Manual or Automated, Cartridge-based	Manual or Automated, Cartridge-based
Special Features	Window Enameling (similar to "Plique-à-jour") & photo/image capturing	Galvanizing Safe	Drill / Engrave / Plate
Ideal For	Decorative Jewelry	Jewelry Manufacturing	Luxury Jewelry & Watches



# Equipment & Supplies

Explore the full line of Invicon coloring systems and compatible curing equipment. Whether you're producing fine jewelry in volume or adding colorful accents to custom pieces, Gesswein has everything you need to bring your vision to life.

8213910

## Heating Plate 2.0 for Luxon®



8213911

## PreHeater 1.0 for Luxart® & HyCeram®



8213920

## Digital Dispensing System 100 for Luxart® & HyCeram®



8213900

## TwinLux Dual for Luxon®, Luxart® & HyCeram®



8213931

## CeraPower 2.0 for HyCeram®



8213937

## HyCeram® Tree Slide for CeraPower 2.0



8213790

## Inside Ring Holder for Luxon®, Luxart® & HyCeram®



8213780

## Microbrush Dispenser for Luxon®, Luxart® & HyCeram®



(Brushes sold separately)

2151831, 2151832, 2151833

## Extrem® Compounds by Merard



S10

S20

S30