

# **EVI**BOND<sup>®</sup>

*The perfect advertising surface.*

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Three-layer co-extruded PVC board  
Format 122 × 244 cm · 5 mm and 10 mm

— EVIBOND®

# Not a substrate. *An advertising surface.*

EVIBOND is a three-layer co-extruded PVC board engineered for wide-format flatbed printing. Two rigid virgin PVC outer skins around a lightweight engineered core, bonded molecularly in a single co-extrusion operation — no glue, no separate bonding, no risk of delamination.

**-50%**

Weight vs. standard

**Shore D 55**

Surface hardness

**×1.5**

Better flatness retention

**< 1%**

Water absorption (24h)

– Product

## EVI BOND® 5 mm + 10 mm.



### Two thicknesses

5 mm · 20 sheets / box  
 10 mm · 10 sheets / box  
 Format 122 × 244 cm

### Print on

UV LED Flatbed  
 Latex Flatbed  
 Self-adhesive vinyl

### Process with

Knife · CNC · Laser  
 Water jet · saws

### Fire class

C-s3,d0 · 5 mm  
 B-s2,d0 · 10 mm

– Technology

## Pure virgin PVC.

*Nothing recycled in the skin.*

Outer skin: batch-controlled virgin PVC resin, never reground. Consistent whiteness from sheet to sheet – no grey spots, no surprise under UV LED inks.

Recycled PVC returns only to the engineered core. Never to the printable surface.



Batch-controlled virgin PVC resin.



Co-extrusion line · 17,000 m<sup>2</sup> · ISO 9001 + ISO 14001 facility.

— Material structure

**Three layers.**

*One process.*



– Specifications

# Simple table.

## *Clear* numbers.

Parameter	EVIBOND 5 mm	EVIBOND 10 mm
Thickness	5 mm	10 mm
Sheet format	122 × 244 cm	122 × 244 cm
Sheets per box	20	10
Structure	Three-layer co-extruded PVC	Three-layer co-extruded PVC
Density	~250 kg/m <sup>3</sup>	~250 kg/m <sup>3</sup>
Surface hardness	Shore D 55	Shore D 55
Water absorption	< 1% (24h)	< 1% (24h)
Service temp.	up to 55°C	up to 55°C
Thermal expansion	0.07 mm/m·K	0.07 mm/m·K
Fire class	C-s3, d0	B-s2, d0
Print	UV LED · Latex · Vinyl	UV LED · Latex · Vinyl
Processing	Knife · CNC · Laser · Saw	Knife · CNC · Laser · Saw

– Applications

# Where EVIBOND<sup>®</sup> works.

01

## Indoor signage

Wayfinding, totems, lobby walls.

02

## POS / POP displays

Retail-grade weight, clean cuts.

03

## Mount board

Stable surface for poster lamination.

04

## Outdoor advertising

Water-resistant, stable to 55°C.

05

## Exhibition stands

Light, rigid, repaintable.

06

## 3D logos & lettering

Laser-cut top layer, edge-painted.

07

## Kitchen & bath panels

Waterproof, screw-friendly.

08

## Decorative cladding

Indoor wall claddings, panels.

09

## Furniture & partitions

Lightweight builds, exhibitions.

— Recommended printers

# We recommend printing on *Roland*.



Every batch is print-tested on the EU-1000MF UV. Surface is engineered for direct UV LED and Latex flatbed printing — plus vinyl lamination workflows.

ROLAND  
**EU-1000MF UV**  
Industrial flatbed UV  
*Industrial power. Flawless UV printing.*

ROLAND  
**LO-640**  
Direct-to-object  
*Direct to object. Limitless creativity.*

ROLAND  
**LO-300**  
Compact flatbed  
*Compact precision. Professional results.*

EVIBOND<sup>®</sup> on Roland EU-1000MF UV · LO-640 · LO-300.

– EVI® Adhesives

# Adhesives built *for production.*

A complementary product line within EVI HOLDING – professional bonding for the same fabricators who already use EVIBOND® and EVI DIGITAL printable media.

Flagship: EVI® VI-500.002, a 20 g cyanoacrylate instant adhesive with a precision needle-tip applicator.

## Sign-making & POS

3D lettering, lightbox edges, channel-letter returns.

## PVC windows & doors

Gasket fixing, sash stops, escutcheon bonding.

## Stretch ceilings

Corner reinforcement, profile fixing, harpoon-end bonding.



– Regional network

# Close to *you.*

GB

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## Tbilisi representative

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Free samples for printer testing · scalable pricing · technical support from EVI DIGITAL®.

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– Why EVIBOND<sup>®</sup>

# Better material. *Better surface.*

**Up to 50% lighter**

Versus standard PVC foam at the same thickness.

**1.5× better flatness**

No sag under own weight, stable up to 55°C.

**Virgin PVC skin**

Reference whiteness, Shore D 55 hardness.

**< 1% water absorption**

Suitable for damp environments and outdoor.

**Co-extruded bond**

No glue, no delamination, single material on cut.

**Clean processing**

Knife, CNC, CO laser, water jet, standard saws.



Precision cutting of **EVIBOND**<sup>®</sup> PVC board



**High precision**

CNC cutting technology ensures perfect accuracy and clean edges.



**Durable performance**

Designed for continuous operation and long-lasting reliability.



**Perfect results**

Smooth surface and uniform structure for flawless finishing.



**Sustainable quality**

Manufactured with safety and environment in mind.

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EVI HOLDING<sup>®</sup> · EVI DIGITAL<sup>®</sup> · EVIBOND<sup>®</sup>

Designed in GB · Since 1996