

Direct-to-Wall Printing with WallPen

Wall printer deliver high-resolution graphics directly onto walls. This process eliminates vinyl, adhesives, and panels, making your interior graphics more sustainable.

“High-resolution, sustainable, direct wall printing”

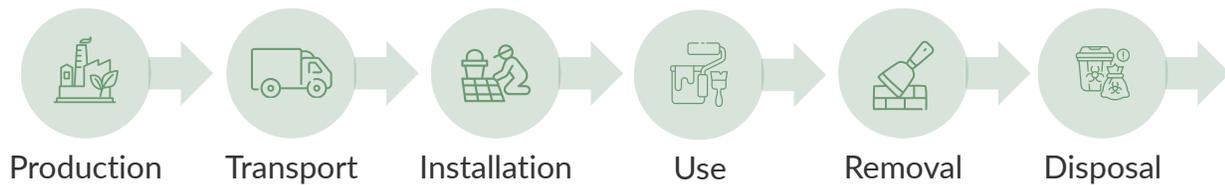
Sustainable Savings for Your Projects

Direct-to-wall printing reduces material usage, waste, and transport emissions compared to traditional mounted vinyl or panel systems.

Zero VOC

- Safe for occupied indoor environments
- No off-gassing like vinyl
- Safe for healthcare, schools, offices

lifecycle comparison



Traditional vinyl lifecycle:

- manufactured PVC
- shipped
- installed with adhesive
- removed later
- landfill waste

Wall printing lifecycle:

- minimal ink
- printed directly
- no removal waste

Longevity = sustainability.

- Long lifespan
- UV resistant
- Does not peel like vinyl
- eliminates PVC
- reduces material mass by 90%
- reduces transport emissions
- water-based low VOC ink

Traditional system

20–40 kg material

high CO₂



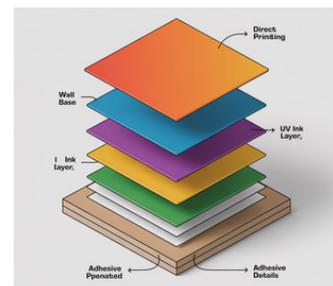
Direct Wall Print

2 kg material

60–90% lower CO₂

Traditional System

- Wall
- Adhesive
- PVC Vinyl
- Rigid Panel
- Packaging
- Freight Transport



Material reduction:

up to



Carbon reduction:

60–90%

Environmental & Indoor Air Quality Benefits

Direct-to-wall printing sustainability advantages

Material Reduction

- Eliminates PVC vinyl, rigid panels, and adhesives
- Reduces material use by up to 90%

Lower Carbon Footprint

- Minimal shipping volume
- No secondary mounting materials
- Reduced transport emissions

Indoor Air Quality Safe

- Water-based ink
- Low odor
- No PVC off-gassing
- Suitable for offices, healthcare, schools, and residential



Waste Reduction

- No landfill waste from vinyl removal
- No disposable backing or mounting materials

Long Lifecycle

- Durable, long-lasting prints
- No peeling, shrinking, or delamination

Supports Sustainable Building Design

- Water-based ink
- Low odor
- No PVC off-gassing
- Suitable for offices, healthcare, schools, and residential

Why Choose Direct Wall Printing



Vegan ink – water-based, eco-friendly



High-resolution graphics for detailed murals



Direct wall printing – no vinyl, no adhesives, no panels



Sustainable – minimal material use and lifecycle waste

