

Bring Color to Organic Solar Cells

ColorFoil Solutions for Industrial Organic Solar Manufacturing

From black solar cells to new product opportunities

As organic solar cells move towards commercial production, manufacturers are looking beyond efficiency alone. Architects, designers and product developers increasingly demand photovoltaic solutions that integrate naturally into buildings and products.

The challenge is not adding color.

It is adding color without sacrificing manufacturability.

Functional Color – Not Decorative Coatings

ColorFoil is a functional optical layer engineered to control how sunlight interacts with the photovoltaic device.

Rather than acting as a decorative coating, ColorFoil creates uniform color while allowing useful light to generate electricity.

One Technology. Multiple Markets.

ColorFoil enables manufacturers to expand their product portfolio without fundamentally changing their production platform.

Potential applications include:

- Building Integrated Photovoltaics (BIPV)
- Greenhouses
- Consumer products
- Design-driven energy solutions

Built for Production – Not the Lab

Like all LayersTech technologies, ColorFoil is designed for industrial manufacturing.

Compatible with scalable roll-to-roll production, ColorFoil delivers consistent optical performance while supporting robust industrial processing.

Low-Risk Entry

Introducing new functionality should not require unnecessary risk.

We begin with evaluation samples, followed by technical support and pilot validation before industrial implementation.

You validate before you scale.

The Impact

ColorFoil enables manufacturers to differentiate their products, enter new markets and create photovoltaic solutions where aesthetics and energy generation work together.

Expand your product portfolio without changing your production platform.

About LayersTech

LayersTech develops advanced functional layers for industrial organic solar cell manufacturing.

Built on patented technologies originating from SDU CAPE, our solutions bridge the gap between research innovation and commercial production.

Explore how ColorFoil can enable your next photovoltaic product.