

Called Geolux, the new product consists of a reflective geomembrane made of polyethylene resins and coated with a thin white polyethylene layer that reflects ultraviolet (UV) rays. ...

Have you ever wondered how unused land and brownfield sites can be reclaimed? We have the solution. We are the first company to offer the possibility of combining bituminous geomembrane with ...

Engineered from polyethylene resins and coated with a thin white polyethylene layer, Geolux(TM) reflects ultraviolet (UV) rays and significantly increases ground reflectivity beneath solar ...

GEOLUX is anchored beneath bifacial photovoltaic panels which increases the natural albedo of the ground, reflecting both direct and diffuse irradiance onto the underutilized rear-side of the bifacial panel.

Optimize performance, reduce maintenance, and protect your investment with custom geomembrane systems trusted by solar developers, civil contractors, and EPC firms.

This paper provides an alternative design and construction methodology for an exposed geomembrane cover at risk of uplift by wind. The alternative anchorage can be used with both exposed ...

In the photovoltaic context, the use of reflective membranes enhances this reflectance, increasing the amount of light used by the bifacial modules, resulting in greater energy generation.

This groundbreaking solution not only boosts energy output but also reduces maintenance expenses by preventing weed growth under solar panels. Additionally, GEOLUX is fully recyclable, ...

This project represented the first design and installation of a solar landfill capping system, integrating an exposed geomembrane cap design and modern photovoltaic technology with a landfill closure.

Web: <https://www.williamsandcopaintcontractors.co.za>