



Call us today to learn more about
SOPRASOLAR or use it in your specifications.

800.356.3521 | 330.334.0066

330.334.4289 fax | www.soprema.us

310 Quadral Drive Wadsworth, OH 44281



Conservation-minded manufacturers of products used by the building industry evaluate the impact of their products on the environment during the lifespan of a building (from manufacturing to construction, operation and demolition).

SOPREMA contributes to environmental protection and sustainable construction by manufacturing high quality products that meet the highest environmental standards. The Ginkgo Biloba leaf is the symbol selected by SOPREMA to represent its ecological commitment. This ancient oriental tree represents sustainability, health, aesthetics and resistance to attack.

SOPREMA was one of the first roofing manufacturers to establish an *Environmental Management Program*, and the first modified bitumen manufacturer to be ISO 14001 certified for its environmental management practices. SOPREMA's global research facilities are developing products made from renewable resources and recycled materials to reduce SOPREMA's carbon footprint.



SOPRASOLAR
INTEGRATED RENEWABLE | ENERGY SOLUTIONS



SOPRASOLAR

INTEGRATED RENEWABLE | ENERGY SOLUTIONS

Discover how solar power technology from SOPREMA can transform an unused commercial rooftop into a reliable, clean source of renewable energy for decades.

Imagine converting hundreds, if not thousands, of square feet of unused commercial rooftop into an advanced solar generating station. Now picture this solar-powered roof as the centerpiece for a clean and renewable energy source that is part of your next building project.

That's how the engineers and scientists at SOPREMA unearthed the concept of combining its popular multi-ply SBS roofing membrane with UNI-SOLAR® thin-film solar laminates from United Solar Ovonic, LLC.

The result? A flexible, durable, integrated photovoltaic (PV) system which is more energy efficient, less costly to install and has a quicker return on investment than traditional rigid crystalline systems.



Introducing SOPRASOLAR – the eco-friendly energy source

Architects and building owners are embracing the financial and social benefits that 'going green' has for their business and image. Of course, the bottom line for many building owners is saving money on electric bills by finding a supplemental, low-maintenance source of energy.

With SOPRASOLAR, you can both become a producer of renewable energy and show your commitment to sustainable development. SOPRASOLAR is ideal for buildings which have large areas exposed to solar radiation both in the service sector and in industry, large retail outlets or public buildings.

Placing the thin-film solar laminates directly on the roofing material helps generate energy in low-light and cloudy days. SOPRASOLAR is impervious to severe climates, from the harsh Midwest and Northeast winters to the scorching summers of the Southwest, to the rainy season in the Northwest. The laminates are sturdy enough to walk on without being damaged.



SUSTAINABLE ROOFS

Unlimited supply of energy

Generate revenue

Low maintenance



An investment that pays back over time

There are multiple economic reasons to incorporate SOPRASOLAR into your next commercial building project. Financial subsidies from federal and local governments can reduce your capital expenditure and make payback possible in about 4-6 years.

Using renewable energy means less dependence on higher-priced energy from the electric grid, as well as curtailing the use of oil, propane, natural gas and coal. SOPRASOLAR has the power to generate renewable energy for 25 years or longer...all from capturing the sun's inexhaustible supply of light which is converted into solar power.

Unique single-source warranty provides dual protection

Many building owners are reluctant to invest in renewable technologies unless they are absolutely certain they are covered if problems arise.

That's why the SOPREMA/United Solar Ovonic partnership offers a single source, 20-year warranty covering both the water tightness of the roofing membrane and the energy output of the solar panels.

This single manufacturers' integrated warranty means you don't have to deal with multiple companies or points of contact. The roofing membrane and solar panels are installed by certified, licensed contractors who are experienced in commercial building new construction and refurbishments.

Why SOPREMA chose the Uni-Solar® brand

United Solar Ovonic is the leader in building integrated and commercial rooftop photovoltaics, one of the fastest growing segments of the solar power industry. The company's Uni-Solar product has many features and benefits:

- Requires no roof penetrations
- Lightweight, durable, flexible
- Ideal for Building -Integrated (BIPV)
- Easy to install
- Low maintenance, no re-coating necessary
- No polysilicon needed

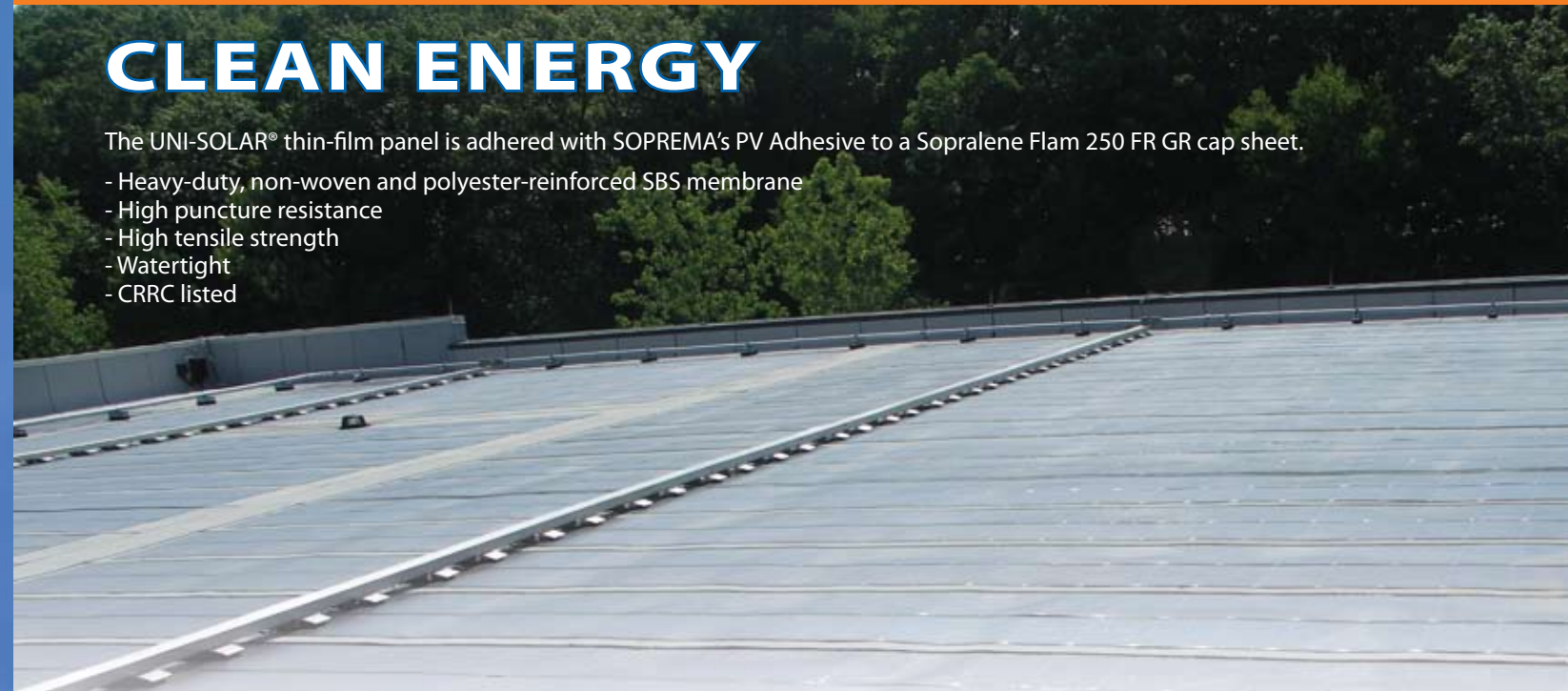


UNI-SOLAR®
United Solar Ovonic

CLEAN ENERGY

The UNI-SOLAR® thin-film panel is adhered with SOPREMA's PV Adhesive to a Sopralene Flam 250 FR GR cap sheet.

- Heavy-duty, non-woven and polyester-reinforced SBS membrane
- High puncture resistance
- High tensile strength
- Watertight
- CRRC listed



THE ADVANTAGES OF GOING SOLAR

- Demonstrates a commitment to sustainable development and environmental stewardship.
- Save money by reducing rising utility bills.
- Creates positive publicity by being pro-active in the "green movement."
- The PV system will generate profits long after the return on investment is reached.
- Government incentives/rebates help reduce the initial cost.
- Replaces power produced by fossil fuels like coal, oil, and natural gas.