

Spring 2017

LUVATA
SPECIAL PRODUCTS

Sunwire® News

The newsletter for
Sunwire photovoltaic ribbon
www.mmluvata.com/sunwire-news



Some things change,
others stay the same

On May 2, 2017, we announced that Mitsubishi Materials Corporation (“MMC”) had completed the purchase of Luvata Special Products. While this change of ownership marks the beginning of a new era for Luvata Special Products as an independent company, Luvata Special Products will continue to place great emphasis on maintaining and developing its valuable customer relations.

With MMC’s R&D capability and technological excellence in copper-alloy products, now joined together with Luvata Special Products’ application know-how, we see opportunities to grow existing products and create new value-added products to address your needs. We look for this change of ownership to accelerate the evolution of Sunwire.

Sunwire® Deco – homeowners no longer need to compromise on the beauty of their homes, for the sake of energy efficiency. See next page for details.

We appreciate your business and will continue to provide high quality products and services that you have come to expect. We are excited and looking forward to continuing to bring you, our valued customers, the products and solutions that help you succeed. That isn’t going to change.

Sunwire® Deco for those who refuse to compromise

The larger market for solar is driven by improved efficiency and lower costs for solar overall. To date the vast majority of homes harnessing the sun's energy are doing so using rack-mounted modules installed on rooftops. However, as the market for solar continues to grow, the demand for differentiated solar solutions has expanded as well.

Building-integrated photovoltaics (BIPV) and building-applied photovoltaics (BAPV; retrofit) incorporate photovoltaic materials in place of traditional building materials of a home or building such as the roof, skylights or facades. The intent of both BIPV and BAPV regardless is to generate electricity for on-site use or for export to the grid. While aesthetically minded homeowners and architects want to embrace the benefits of solar and maintain curb appeal, manufacturers have struggled to satisfy both of these desires.

Not anymore. The answer to an integrated solution is here.

For discriminant solar customers and architects who want to incorporate solar modules into their designs, but refuse to forego aesthetics, Luvata Special Products offers Sunwire Deco. Sunwire Deco is available in various colours that don't distract from the beauty of their homes or designs. Specifically solar customers no longer have to



compromise with the visually intrusive silver lines of solar ribbon running across the PV module. Sunwire Deco in black, the most popular alternative color, blends naturally into the solar panel, making the panel virtually invisible on the rooftop.

The advantages of Sunwire Deco also mean it will exert lower stresses on solar cells, thus leading to reduced cell breakage for solar module manufacturers. A solar ribbon's yield strength influences how much stress the soldered ribbon can cause on a silicon cell – the higher the stress, the higher the risk

of fracturing the cell. Sunwire is available with lower yield strength, proven to be the softest and straightest solar PV ribbon on the market today.

As traditional PV solar panels' efficiency continues to improve, their price also continues to fall, which makes them more affordable for the masses, especially in comparison to newer alternative solutions. Simultaneously Luvata Special Products is working to ensure homeowners no longer need to compromise on the beauty of their homes, for the sake of energy efficiency.

For more information, please contact your nearest Luvata Sunwire location

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