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Alanod Solar to ramp up its production facilities

A new dedicated lacquering line will be completed by the end of this year.

Alanod Solar is expanding its production facilities in Ennepetal, Germany.

A new dedicated lacquering line will be completed by the end of this year that will allow the company to produce an additional 40 million square feet of treated MIRO-SUN per year. MIRO-SUN is a weatherproof, highly reflective aluminum sheet that is used in parabolic troughs and for other reflective solar applications.

The company has developed MIRO-SUN especially for outdoor applications. A continuous air-to-air PVD-process applies a super-reflective layer (MIRO) to coil anodized material and afterwards (MIRO-SUN) is protected by a Nano-Composite by a coil-coating process.

The company's protective coating is an inorganic nanotech lacquer (Sol Gel) applied to its MIRO-SUN product.

According to Alanod, third party tests have shown that MIRO-SUN metal mirrors show significantly less soiling than glass or plastic film mirror products due to the lack of static load.

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