

Intersolar Europe 2024: thyssenkrupp Steel presents innovative solutions for the energy transition

- thyssenkrupp Steel presents ZM Ecoprotect® Solar - high-quality zinc-magnesium coated steels for effective corrosion protection of high-performance PV mounting systems at Intersolar Europe 2024 from June 19 to 21, 2024 in Munich: Hall A6, Booth 450
- The steel manufacturer's portfolio for the solar market also includes: organic coil-coated steels pladur® for housings and panelling of solar applications
- To support climate protection: ZM Ecoprotect® Solar and pladur® are also available as CO₂-reduced bluemint® steels

Duisburg-based steel manufacturer thyssenkrupp Steel presents special coated steels for the solar industry: ZM Ecoprotect® Solar, durable, robust and sustainable zinc-magnesium coated steels for high-performance photovoltaic mounting systems, and pladur®, organic coil-coated flat steels for housings and cladding of solar applications.

Durable corrosion protection for a long lifetime of PV mounting systems

With ZM Ecoprotect® Solar, thyssenkrupp Steel now offers its customers an innovative corrosion protection solution for robust steel substructures of solar systems. The high-quality zinc-magnesium coating offers durable corrosion protection for a guaranteed service life of PV mounting systems. The metallic coated steels for solar applications can be processed into profiles and are ideal for use in various corrosive atmospheres.

With the expansion of hot-dip coating line 6 by adding new melting pots, thyssenkrupp Steel is increasing its production capacities for zinc-magnesium products and thus meeting the growing demand for ZM-coated steels for the solar market. The portfolio of ZM Ecoprotect® solar-coated steels will in future be available with extended coating thicknesses and dimensions.

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In addition, ZM Ecoprotect® Solar is also available as CO₂-reduced bluemint® Steel, the sustainable steel from thyssenkrupp Steel for a positive contribution to environmental and climate protection. The use of bluemint® Steel in PV mounting systems helps to reduce the ecological footprint of the solar industry and shape a sustainable future.

Organic coil-coated flat steel pladur® for solar housings

The thyssenkrupp Steel portfolio also offers solutions for housings and panels for solar applications for the energy and solar industry: pladur® organic coil-coated flat steel, which is also available as CO₂-reduced bluemint® steel. The coil-coated flat steel pladur® replaces the costly piece coating of housings and is therefore the ideal material solution for the housing industry.

Whether in production or in the design of metal enclosures, the advantages of using coil-coated material are manifold. The production process is more cost-efficient, shorter and less complex because the piece coating step and all associated activities, such as procurement, storage and disposal of the coating materials, are eliminated. There is a wide range of surface and appearance options: whether glossy or matt, colored, textured or UV-resistant, even individual specifications can be realized with pladur®. The high-performance composite material from thyssenkrupp Steel is available as strip, slit strip or sheets and can be supplied with a wide range of coating materials, i.e. liquid paints, films or paint/film combinations, depending on the decorative and functional properties required for the surface.

Visitors are cordially invited to visit the thyssenkrupp Steel booth at Intersolar Europe in Hall A6, Booth 450. The experienced team from thyssenkrupp Steel will be on hand to answer visitors' questions and hold technical discussions in order to drive the future of solar energy forward together.

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