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New generation of Colorcoat Prisma®

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Tata Steel has launched its new generation three layer Colorcoat Prisma® pre-finished steel, following a substantial investment on the manufacturing line. New Colorcoat Prisma® offers superior ultraviolet (UV) resistance and durability. The latest evolution is based on revolutionary three-layer technology, completely chromate free to be REACH compliant, that delivers greatly enhanced aesthetics with superior color and gloss retention. The new Colorcoat Prisma® product pushes the boundaries of pre-finished steel and is available with an extended Confidex® guarantee for up to 40 years. Colorcoat Prisma® is the result of many years of product development with R&D support, which provided all R&D data required for the product launch, including producing signed technical product specifications for all colors and trials. Working closely with the manufacturing, marketing, commercial and business development teams, R&D managed and delivered all the technical requirements, which enabled the enhanced guarantee package to be signed off by both Tata Steel Exco and back to back guarantee from the paint supplier. In order to develop a profitable business from outside of Europe markets for Prisma®, R&D delivered full assessments according to ASTM standards, performed externally which represent a distinct advantage.



Figure: Active classroom based on Swansea University Bay Campus in United Kingdom with new generation of Colorcoat Prisma® Element (Seren Black, Seren Gold and Seren Copper)

Biography

Anna Lewandowska has completed her PhD in Centre of Molecular and Macromolecular Studies at Polish Academy of Sciences in Poland then furthered her Postgraduate career with Postdoctoral placements at McMaster University in Canada. She has her expertise in Polymer Chemistry with "Experience in design and control of surface science". She joined Tata Steel R&D in 2015 where she has built her technical knowledge of experience in Research & Development team being involved with many of research projects. Currently, she is a New Product Development Design Manager in Tata Steel UK Ltd. focusing on new generation of OCS products for building envelope sector.

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