

TATA STEEL



Colorcoat Prisma™

Aesthetics that last

Fortum Power and Heat Poland Częstochowa, Poland

Client: Fortum Power and Heat Poland

Architect: Iwona Martelińska,
ILF Consulting Engineers, Sp. z o. o.

System Manufacturer: Trimo d.d

System: Qbiss One

Tata Steel Colorcoat™ product used:
Colorcoat Prisma™

Colour: Zeus

The Building

Fortum Power and Heat Poland is a leading company in the Polish heating sector. When building the power plant in Częstochowa, Fortum wanted to increase its share in electricity production. Due to the location of the plant (*it is one of the city's landmarks, seen from the panorama view of "Gold Mountain"*), the building company aimed to create structures which would retain their appearance for many years to come.

The architects vision was to make the building look slick and modern to adapt to the ever changing surroundings while maintaining a good quality. The product which met all these requirements was the façade system Qbiss One (www.qbiss.eu), whose outer lining is made from high quality pre-finished steel Colorcoat Prisma™ from Tata Steel.



Colorcoat Prisma™

“While designing the plant facilities, we needed a façade system which would distinguish itself from the surrounding industrial environment. The design is simple, enhanced by few main building materials and details.” Iwona Martelińska, architect of ILF Consulting Engineers Sp. z o. o.

Pre-finished steel is an ideal construction material for modern projects. Opposed to other pre-finished steel products, Colorcoat Prisma™ uses the unique Galvalloy™ metallic coating developed by Tata Steel. The layer is composed of 95% Zinc and 5% Aluminum, which provides unparalleled corrosion resistance and cut edge protection.

“We discovered Qbiss One at a construction fair in Poznan by representatives of Tata Steel and Trimo” says Lukasz Tyc from Kaefer Zabrze, Project Manager of CPH Fortum Częstochowa.

“Qbiss One is easy and quick to install, flexible when adding details: it is a system that meets our aesthetic requirements for the building design.” adds Ms. Martelińska.

With pre-finished steel Colorcoat Prisma™ from Tata Steel the elevation is much more durable and solid. This is proven by the requirements imposed by the EN 10169:2009 classification Ruv4 and RC5. The range of Colorcoat Prisma™ solid and metallic colors surpass this, proving outstanding colour retention and corrosion resistance; they keep their finish even in difficult external environments. Thanks to the special service Repertoire™ it is also possible to order almost any solid color, which allows a completely unique building to be created with a minimum order quantity of 2000 m².

“Due to the different layers, the product is resistant to corrosion, which is the effect of extreme weather conditions. It doesn't fade in strong sunlight and it isn't affected by humidity. I think this was a really good choice. The pre-finished steel is functional and aesthetic, but most important is that the modular façade system Qbiss One we chose fit the concept of the architects who designed Fortum power plant” commented Mr. Tyc.

“I'm certain this pre-finished steel will serve us a long time” Mr. Tyc added.



Contact details

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Colors**

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