



Colorcoat HPS200 Ultra®

Superdurable pre-finished steel

Løgstør Boat Hotel Løgstør, Denmark

Client/Building Owner: Sobico A/S

Architect: HP Byg A/S

System manufacturer: Tata Steel Building Systems Nordics

System type: Sandwich panels

Installer: Erasmus & Partnere A/S

Colorcoat® product used:
Colorcoat HPS200 Ultra® (external),
Colorcoat® PE 25 (internal)

Colours: Black (RAL 9005), White (RAL 9010)

Year: 2012

The building

The Løgstør Boat Hotel rises up in an elevated part of the harbour in the small town of Løgstør on the Jutland Peninsula in Northern Denmark. The 600 square metre building provides a place for sailing enthusiasts to store their boats safely during the winter months. Boats on trailers can be driven directly into the

large stone-paved hall, and the insulated building also has a utility room and toilet facilities. With its elegant Black steel facades and roof, the eye-catching building, with its white gate and high windows, forms a striking contrast with the blue fjord in the background.



The challenge

Løgstør's location by the Limfjord is both an advantage and a disadvantage. The island of Livø, a partially protected nature reserve, lies off its western shores, and the area attracts many boating enthusiasts in the summer. In the winter, the low-lying parts of town near the harbour are repeatedly flooded, and the salty westerly winds are corrosive on buildings and equipment.

The solution

The Løgstør Boat Hotel is owned by Sobico A/S, a company run by Sonja and Birger T. Larsen. They appointed HP Byg A/S in Hjørring as their architect and general building contractor. "Working with our costing department, we all agreed that the building should be clad in Colorcoat HPS200 Ultra® pre-finished steel by Tata Steel" says Bjarne Christensen, HP Byg's project manager.



"We considered alternatives, but Colorcoat HPS200 Ultra® came out on top because nobody else can provide up to 30 years' guarantee on the pre-finished steel for the roof and wall with no inspection and maintenance required to validate the guarantee."

Mr Christensen continued.

The Confidex® Guarantee which is only available from Tata Steel on Colorcoat® branded pre-finished steel products when used in standard cladding systems offers up to 30 years protection for the weatherside of the building when it is within 1km of any coast. In the unforgiving climate on the shores of the Limfjord, this gave the Larsens peace of mind. The walls and roof are made of sandwich panels from Tata Steel Building Systems Nordic manufactured using Colorcoat HPS200 Ultra® that are arranged as horizontal overlap cladding on the walls and vertical waves on the roof.

Colorcoat HPS200 Ultra® pre-finished steel provides superior performance for building envelope applications. Backed up with extreme testing and real world global data to demonstrate the best combination of excellent colour stability, gloss retention and outstanding durability. Colorcoat HPS200 Ultra® has an optimised Galvalloy™ metallic coating for exceptional corrosion resistance and cut edge protection and surpasses the requirements of RuV4 and RC5 as per EN 10169:2010.



The entire building is made of steel and the construction took only 12 weeks. "On the steel rafters, which have a free span of 20 metres, we have mounted transverse steel battens, onto which we screwed the facades and roof. Construction was amazingly easy, and the installation went smoothly once we had the sheets and accessories on site," Bjarne Christensen says.

The Boat Hotel was ready by the end of the sailing season, just in time to receive the much-treasured boats for their winter storage.



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