



Seafood cold store renovation

When Dutch fishing and seafood company Parlevliet & Van der Plas were renovating their cold store on the Faroe Islands, their contractor Metaalbescherming Katwijk (MBK), was faced with a real challenge. Although temperatures aren't extreme, the Faroe Islands weather is constantly changing, often experiencing all four seasons in a single day. Coupled with the corrosive salty, coastal conditions, MBK knew that they needed coatings that would not only resist the climate, but be quick and easy to apply, ensuring long lasting protection, fast.

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At a glance

Customer	Parlevliet & Van der Plas
Contractor	Metaalbescherming Katwijk (MBK)
Coating system	Hempadur Fast Dry 17410 Hempacore One FD 43601 Hempathane 55210
Total litres	10,000L
Application	Airless spray

The challenge

The prevailing weather and coastal location classes the corrosive environment as C4 in terms of steel corrosion. And, as a cold food store, the building is bound by regulations governing foodstuffs marketed in the EU. In addition, the building must comply with the EN standard 13381-8 on reactive fire-resistance protection applied to steel structures.

The solution

We delivered a tailored three-coat system that met all the requirements of the project and would ensure a reliable and durable, corrosion and fire retardant finish.

The prime layer of Hempadur Fast Dry 17410 offers a high volume solids and is a fast-drying, good build, shop primer. The second layer of fast drying Hempacore FD 43601 (20 minutes to surface dry/6 hours to through dry) is from Hempel's range of high-performance intumescent coatings for passive fire protection of steel structures. Our Hempacore One range is one-component, solventborne, acrylic coatings that provide up to 120 minutes protection in cellulosic fires and can be used indoors or out with a suitable topcoat. The top coat, Hempathane 55210, is renowned for providing high gloss and strong colour retention over many years of service.

MBK was very satisfied that the supply met its requirements in terms of on time in full delivery and that the provided solution satisfies the end customer's demands for reliable, long-lasting protection in an aggressive environment.



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