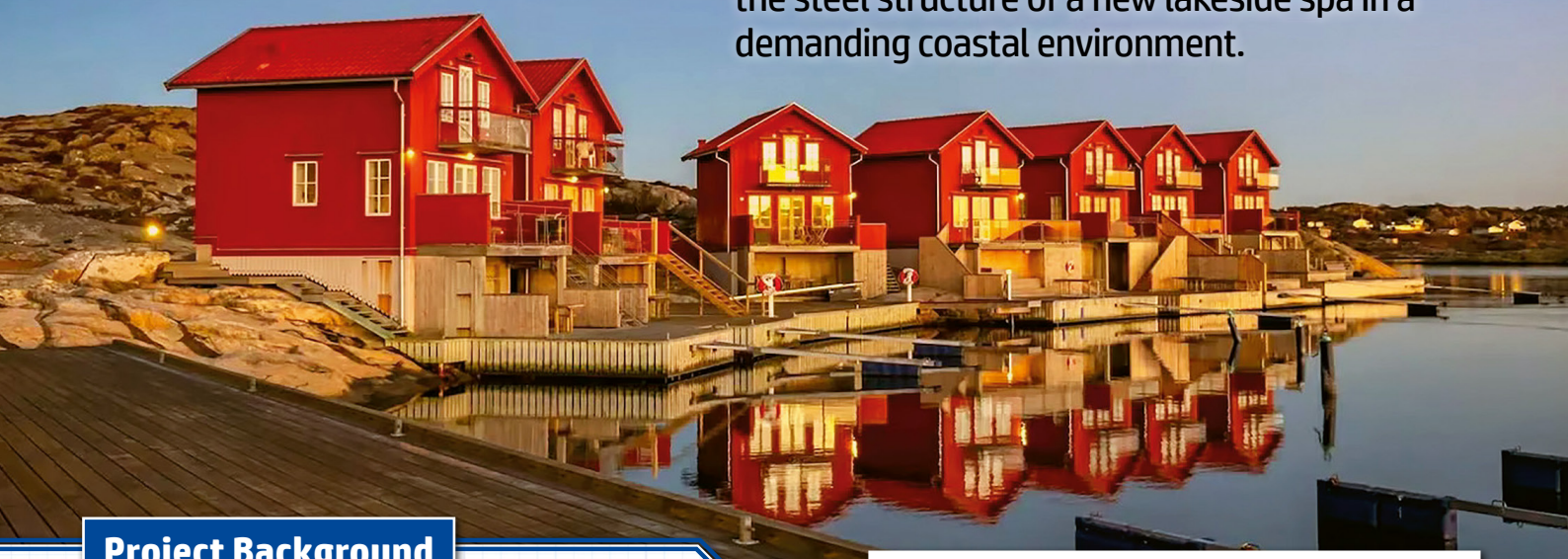
Strana Ocean Spa

Lindapter Girder Clamps provided a corrosion resistant, adjustable connection solution for the steel structure of a new lakeside spa in a demanding coastal environment.



Project Background



Location: Hälleviksstrand, Sweden
Product: Type AF Girder Clamps by Lindapter®
Quantity: 4000
Client: Göteborgs Maskinteknik GMT AB, 88CC
Specialist Contractor: 88CC

Strana Ocean Spa is a lakeside spa and wellness retreat in Sweden, known for its hot outdoor pools, saunas, treatments and fine dining. The spa is undergoing renovation to modernise and further enhance the guest experience while maintaining its calm, nature focused atmosphere.

The Lagunen project forms part of a wider development of the Hotel Strana area, where a hotel, spa and residential properties combine to create a cohesive environment close to the sea. “The hotel has been complemented with a new spa, strengthening the facility’s profile as an attractive year-round destination.” says Jens Strålman, CEO and founder of 88CC. Next to the hotel are BRF Udden, where Lindapter products were used for the first time, and BRF Lagunen, an area of coastal homes and fishing cottages designed to harmonise with the marine surroundings.

Client Requirement

The location places particularly high demands on both material selection and fastening methods. Salt, moisture and wind call for long term durability and secure installation solutions, while the many different structures to be connected meant tolerances varied significantly across the site. The project team needed a connection method that would meet the technical requirements without compromising structural integrity or efficiency.“Here we clearly see the advantages of using Lindapter.” says Jens.



Type AFs allow for adjustments during installation, a major advantage in environments where tolerances may vary

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Design Solution

Type AF Lindapter Girder Clamps in various sizes were selected to connect the steel structure. All products were supplied hot-dip galvanised to withstand the aggressive coastal environment. Load requirements differed from one connection to the next, depending on the site, so a range of Girder Clamp types and sizes was specified across the project.

The project team used Lindapter's Girder Clamp Configurator to select the appropriate clamps, with Lindapter products delivered via Pretec AB. Göteborgs Maskinteknik GMT AB fabricated the steelwork, and 88CC acted as engineer, specifier and contractor.





Installation

Lindapter Girder Clamps connect steel sections without on-site drilling or welding, so no special processes or additional coatings were required during installation. "Fastening is carried out without on-site drilling or welding, minimising the risk of weakening or damaging existing steel structures." says Jens.

The adjustability of the Type AF clamps also helped on site. The system allows for adjustments during installation, which is a major advantage in environments where tolerances may vary. This allowed faster assembly without the need for extensive a dditional finishing work and avoided drilling into structures where there is a risk of hitting installations or creating potential corrosion sites.

Result

The result is a solution that combines safety, efficiency and long-term durability, specifically adapted to a complex coastal project. The client described Lindapter as an easy and efficient product to work with.

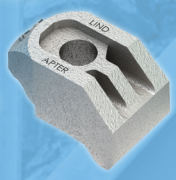
The wider development is defined by high architectural ambition, proximity to the sea and a clear focus on sustainable, long-term solutions, all of which demand well considered technical choices throughout.

> **Fastening is carried out without on-site drilling or welding, minimising the risk of weakening or damaging existing steel structures.**
>
> *Jens Strålman, CEO and founder of 88CC*



Key Benefits

- ✔ Hot-dip galvanised for long term corrosion resistance in salt, moisture and wind
- ✔ No on-site drilling or welding, protecting the load bearing structure
- ✔ Adjustable connections accommodate varying tolerances during installation
- ✔ Quick and easy to install



UK CA CE ICC ES TÜVNORD Dynamic Load Tested

Click here to watch the installation video >>>

