

Arken Combi terminal Gothenburg officially opened

Modernization of rail tracks by edilon)(sedra

On Wednesday the 7th of February 2018, the Arken Combi Terminal at the Port of Gothenburg was officially opened by Lena Erixon, Director General of the Swedish Transport Administration. For track 903 of the new terminal, main contractor NCC awarded edilon)(sedra the assignment to realize 615 meters of Corkelast® HSTS (Heavy Slab Track System).



Official opening of the Arken Combi Terminal. Photos: edilon)(sedra (left), Port of Gothenburg (right)

The newly installed Corkelast® HSTS track is a combination of prefabricated concrete slabs, type 'New Arken' and the edilon)(sedra Corkelast® ERS (Embedded Rail System). This state-of-the-art track allows heavy reach stackers (110 t front axle loads) to reach the 3rd track in a safe, efficient and durable way.

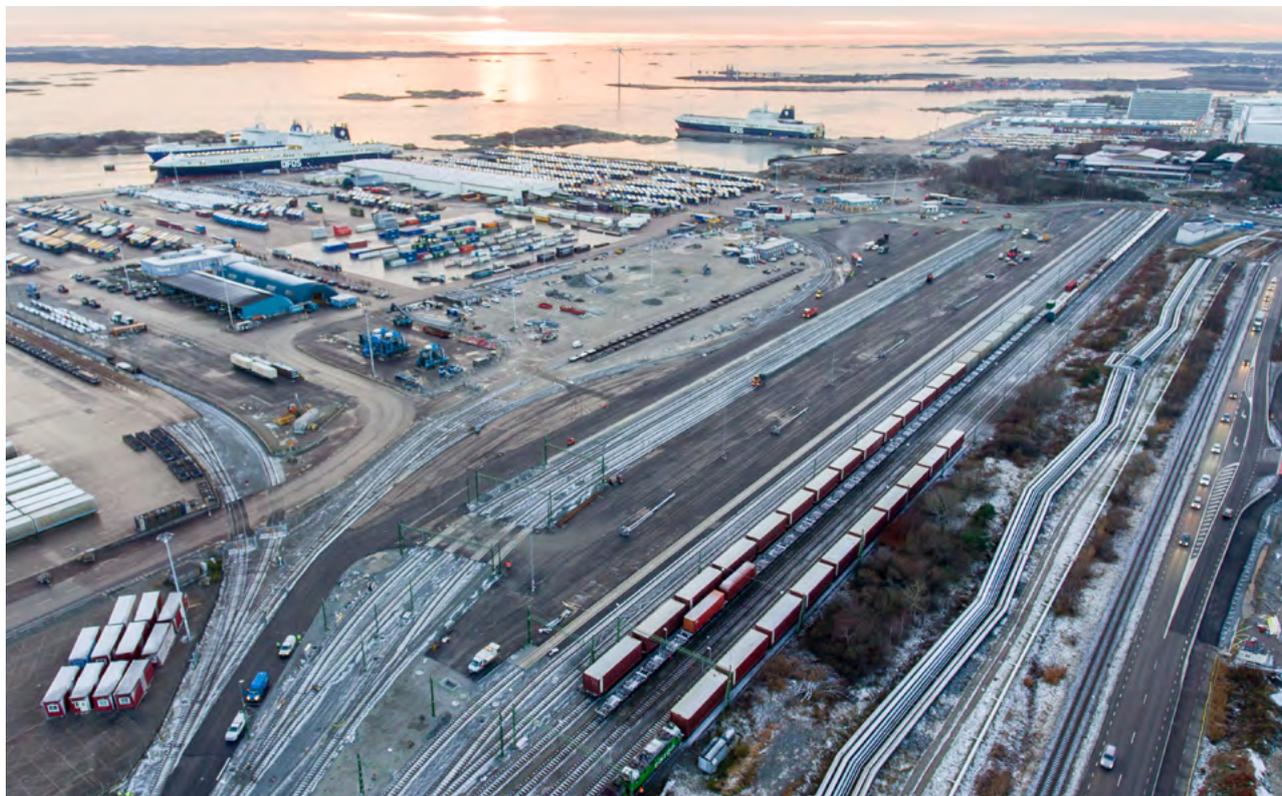
Also, four edilon)(sedra level crossings of 18 meter each (type Corkelast® LCS) were installed. This system is applied for heavy mixed traffic situations and is very suitable for industry track in container terminals, large industrial sites, seaports and track connection areas.



Easy accessible Corkelast® HSTS track on the right. Photo: edilon)(sedra

The Corkelast® HSTS and LCS tracks have been realized within the short possession time of 3 weeks according to planning, despite the very poor weather conditions. Our scope of work included the engineering, delivery of materials and equipment, and the installation of the tracks.

The new terminal will result in higher freight capacity, improved transport efficiency, and cleaner air. Freight can switch more easily and efficiently between road, rail and sea at the quayside.



The Arken Combi Terminal. Photo: Port of Gothenburg

The New Arken project is comparable with our recent container terminal project 'TCT Venlo' in the Netherlands. edilon)(sedra supplied 1.200 meters of edilon)(sedra Corkelast® HSTS for this terminal. Click on [this link](#) to watch a video of this project.

About Corkelast® HSTS and LCS

edilon)(sedra Corkelast® HSTS and LCS solutions are based on prefabricated slabs and the use of the resilient 2-component Corkelast®. Corkelast® is a unique polymer embedding compound with a pre-defined track support stiffness and optimal electrical insulating properties. Corkelast® provides a stable, durable and continuous rail support. This addresses forces and tension caused by passing rail and road traffic and physical influences such as temperature changes. Both systems can be installed easily and quickly and are virtually maintenance free.

About edilon)(sedra

edilon)(sedra is an international supplier of insulating rail systems and noise & vibration reduction systems for high speed, heavy rail, tram & light rail systems, metros and crane applications. As an added value, system solutions provider we support you in the design and application fields of tunnels, bridges, level crossings, stations & stops, (urban) slab track systems, depots, washing plants and industrial & crane tracks.

We add value to your project with:

- design and development of rail fastening solutions
- application & engineering support services
- consulting on technical and practical issues
- training for, supervision on, or installation of edilon)(sedra systems

The ballastless track systems of edilon)(sedra have been a well-known standard in the international rail market since the early 1970s.

More info?

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