

SUPERIOR RAISED ACCESS FLOORS

– FOR ON- AND OFFSHORE FACILITIES

Originally developed for the offshore market, our raised access floor is the optimal solution for any area that requires a void beneath the floor or flooring with varying elevation.

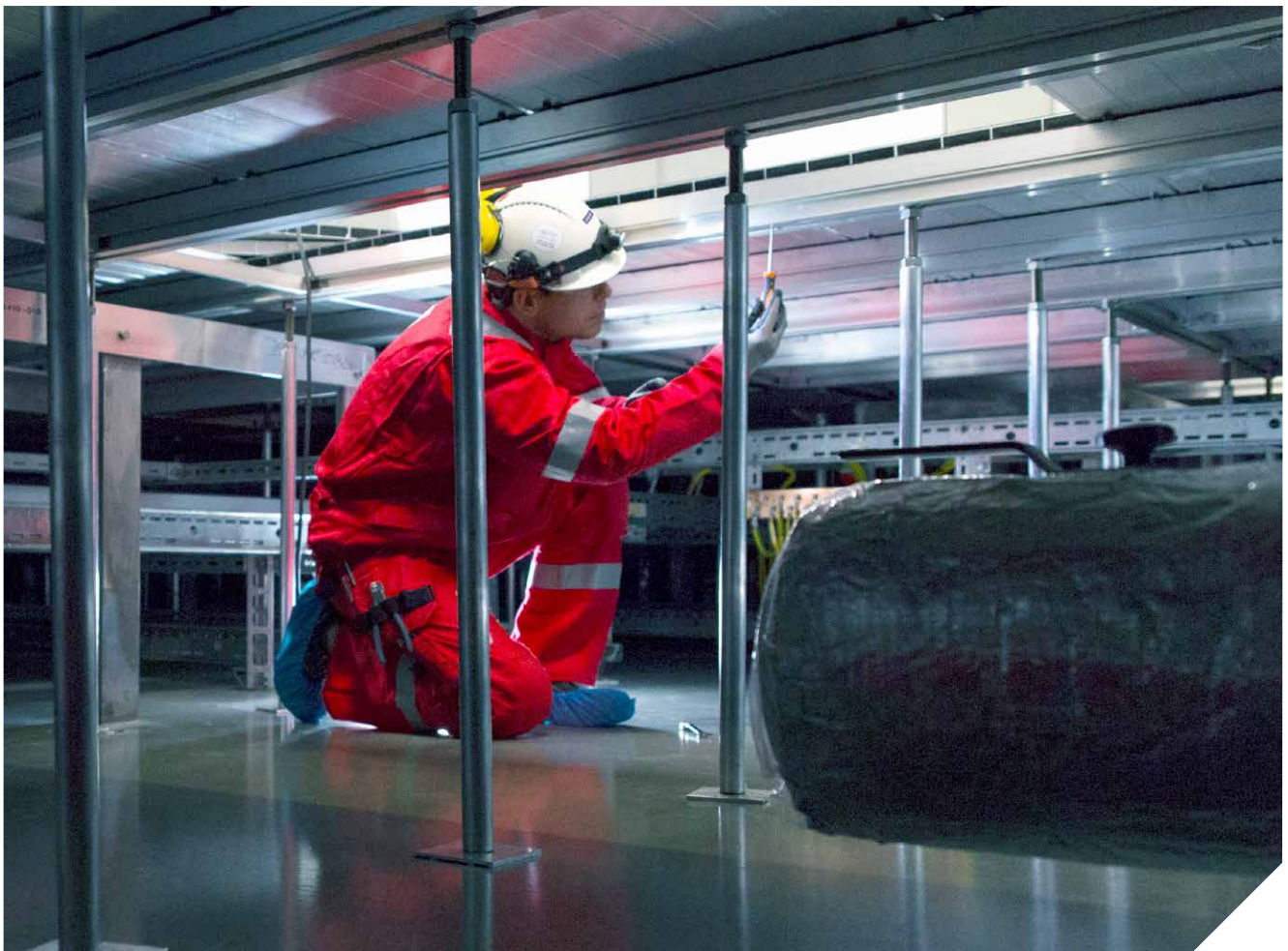


The functional system

Leirvik's raised access floor (RAF) provides vital open space beneath for cabling, ventilation piping and wiring – with few crossbars and secondary structures.

Developed initially for the offshore market, RAF is the optimal solution for any area that requires a void beneath the floor or flooring with varying elevation, like control rooms, equipment rooms, instrument rooms and cinemas. The system is based on few components that fit into a grid, and the highly adaptable solution can even be used for walls, base frames for equipment etc.

In addition to the floor itself, our raised access floor system also includes railings, stairs, vacuum lifters, ventilation plates, floor covers and all relevant accessories.



Carefree elevated flooring – supplied by the aluminium expert

Since 1985, Leirvik's aluminium raised access floors have set the standard for the offshore industry in terms of easy and efficient installation, low weight, strength, durability and superior flexibility. These advantages are just as relevant for a broad range of other industries – both on land and offshore.

High durability

With its corrosion resistant components and non-movable parts, our aluminium raised access floor has proved its durability and reliability through decades of service offshore – even with none or minimal maintenance. This robustness ensures low maintenance and lifecycle costs for you as client.



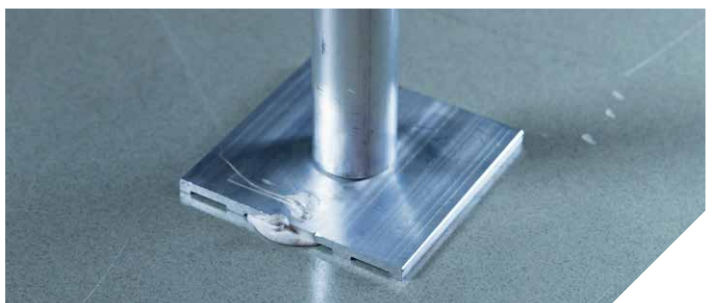
Easy installation

Few, standardized components, combined with superior system flexibility, reduce installation time and costs to a minimum. Our experienced personnel can perform installation as part of our delivery or provide supervision for your own installation crew.



Low weight – high strength

Our light-weight aluminium structures ensure substantial weight savings compared to steel-based systems, yet still providing a uniform load capacity of 1500 kg/m².



Great flexibility

Due to its design, Leirvik's highly flexible RAF system is easily adapted to your specific demands.

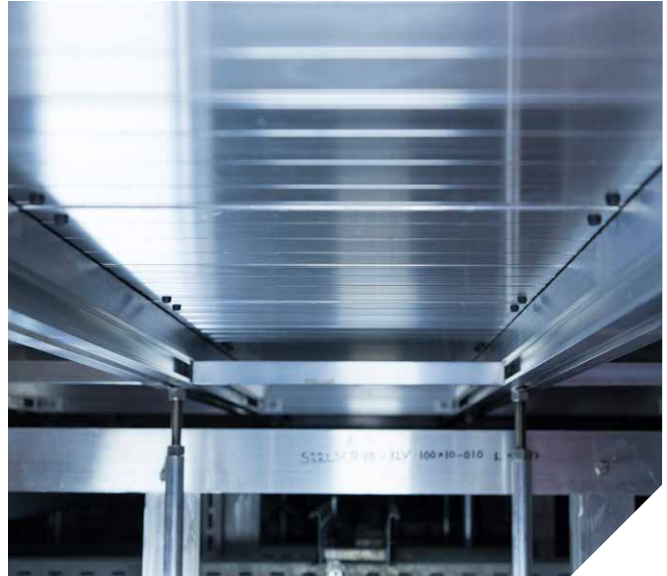
If requirements change over time, the system is just as simple to modify or strengthen. The floor tile design also allows for easy human access to the space beneath the floor.



Why aluminium?

In comparison to other materials, the choice of aluminium and stainless steel ensures the best economical life cycle cost for the customer.

Aluminium has properties unmatched by other materials, such as low weight, strength, corrosion resistance and workability. Together with stainless steel bolts, this gives RAF an optimal material design.

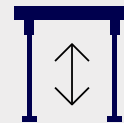


Main components beneath the floor:



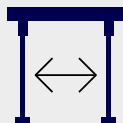
Aluminium floor profile tiles

- > 600 x 600 mm, providing ample space for easy human access to the space beneath
- > Available with a wide range of floor finishes, customisable for specific projects or purposes
- > Can be perforated for ventilation requirements



Flexible support legs

- > Enable standard floor elevation up to 1200 mm
- > Legs for higher elevation can be provided
- > Another +/- 50 mm adjustment possible with stainless t-bolts for mounting on girders



Tailor-made main girders

- > Legs can be mounted in any position, fitting the installation
- > Prepared for installation of additional legs, enabling heavy duty traffic or load
- > Possibility for up to 3 m. between secondary girders



Aluminium stairs and stainless-steel handrails

- > Customised to each project
- > Easy installation
- > Low weight, high strength

Strong track-record

Leirvik's raised access floor was initially developed for the marine and offshore industries, complying with the NORSOK standard.

Through continuous deliveries to living quarters and topsides on the Norwegian continental shelf since 1985, Leirvik has gained vast experience as supplier of such floors. Our extensive track record includes more than 150 living quarters and topsides, both new builds and upgrades.

Our quality system NS-EN ISO 9001/9002 ensure consistent quality throughout our deliveries, from design to installation.

Recent extracts:

Johan Sverdrup (Accommodation module, drilling platform, LQ topside utility, riser platform, process platform 1)	2016-2018
Deepsea Stavanger	2017
Visund	2015
Ivar Aasen	2014
Mariner A	2014
Gina Krog	2014
Dolwin 2	2013
Edvard Grieg	2013
Ekofisk	2012
Troll B	2012
Gudrun	2011



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Trust the expert

Leirvik is the leading EPC supplier of aluminium projects and related services for clients operating both on- and offshore.

Our range of purpose-built aluminium products and standardized aluminium outfitting is a vital part of Leirvik's offering – including raised access floors, helidecks, antenna towers, handrails, walkways and escape tunnels.

Our raised access floor system is equally versatile for both on- and offshore facilities in need of highly robust and flexible elevated flooring.

