

A visible and non-corrosive safety ladder

Our latest ICHCA member, Port-Safety is bringing unique to product to market. LifeLadder is an innovative product improving safety at ports globally. It is a new safety ladder for quay walls.

A patent has just been filed for this unique solution, which enables a shift away from the traditional galvanized steel ladder. The traditional material today present challenges for both safety and costs, as it is not visible, and it is corrosive.

The LifeLadder solution addresses both of the problems: Visibility and maintenance.

LifeLadder is made of maintenance-free, reinforced synthetic modules in a bright, yellow color that ensures visibility during daytime. Solar-powered LED lights provide visibility at night and clear direction to safety. These materials have already proven their worth in the harsh maritime environment.

For the port, the non-corrosive and maintenance free solution is cost efficient and provides an improved Total Costs of Ownership. This safety upgrade can be achieved as part of the regular annual replacements of ladders.

The significantly lower weight delivers an easier handling and installation, where the need and costs of a crane can be avoided.

The modular construction contributes to improvements in sustainability, as repairs only involves replacing damaged modules rather than replacing an entire ladder.

LifeLadder is a game changer, as it delivers an unmatched level of safety.

A Pilot / Master Mariner describes the LifeLadder this way: *"As a professional user of ports, I often need to move across the quay wall. This takes place at all hours of the day and in all kinds of weather. I consider the implementation of LifeLadder to represent a significant improvement in the safety level for seamen and other professional users of ports – given the solution can be applied across all types of ports, and thereby also benefit civilian activity on or near quay walls, adds even further to the contributions this innovation can bring."*

Notes:

- The invention behind LifeLadder is currently covered by Pending Patent Application no. EP17166906.2.
- LifeLadder is dimensioned to comply with European Standard EN 14329.