

MATS ON COVER PLATES

Escalators become even safer for users when mats are integrated on the cover plates. The risk of slipping or falling is significantly reduced.

Main features



Our value add

Slips on landings, steps or pallets, which result in falls, form the majority of escalator accidents (32-48%).

By integrating mats on the cover plates, we aim to provide added value for our customers by reducing the risk of slips and falls.

Our solution meets the R11 anti-slip assessment group requirements and even goes beyond the newest escalator codes.



Application

All outdoor units and indoor units close to building access points.



Market segment

- Commercial: Retail / Office / Mixed-Use Buildings.
- Infrastructure & Transport: Airport / Metro / Railway / Urban Mobility / Ferry.



Focus areas

This optional safety feature is standardised for global applicability across new installation, modernisation and service projects.



Products

velino series / tugela / victoria / orinoco



Standards

EN 115-1:2017
ASME A17.1-2016 / CSA B44-16
GB 16899-2011 / TSG 7007 2016



Climatic conditions

Applicable across all climate classes.



Nominal step / pallet width

3 EK = 0.6m | 4 EK = 0.8m | 5 EK = 1.0m
6 EK = 1.2m | 7 EK = 1.4m



Contact

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Technical details of cover plates and modules

Design

Our standard cover plates have a modular design.

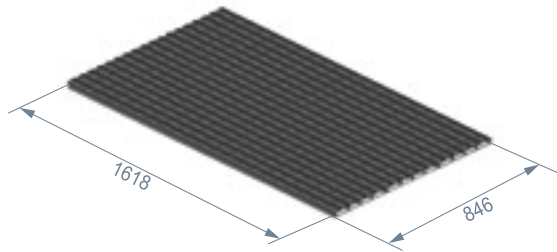


Illustration of cover plate with mat

Each cover plate measures 846 mm in length, and is composed of 3 individual modules.

Each module is 282 mm (extruded profiles), and provides better handling due to its weight of only <13.6 kg.

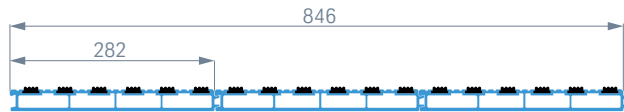
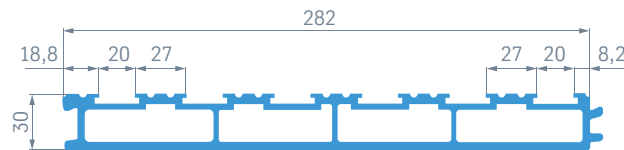


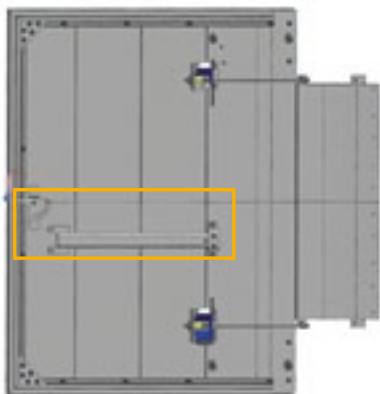
Illustration of cover plate and module size



Detailed view of module

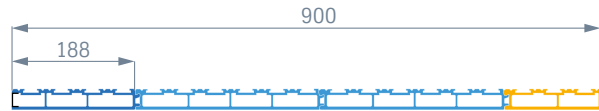
Technical accessories

Each cover plate comes with a lock feature. Provided with beam support for increased rigidity, when required.



Non-standard

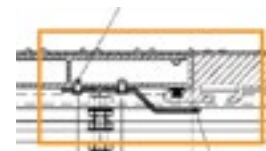
Using proven extension components, our solution is applicable across all cover plate lengths.



Example of extension application on 900 mm

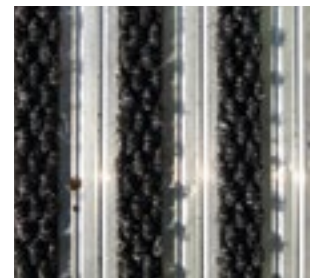


Example of extension application on 855 mm



Example of extension application for modernisation

References



Additional information
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