

DALDOSS
PASSENGERS
METALLIC
STRUCTURE

Steel Structure

MODULAR
EASY
STRONG
MODERN

Steel Structure Presentation

The modern metallic structure from Daldoss is designed with particular attention to aesthetics and the ease of installation. Thanks to the simplicity of construction, the installation time are reduced to the minimum and the linear, neat and customizable design makes it suitable to any building setting.

The Daldoss structures are designed, built and tested in accordance to current norms



CERTIFICATE

Conformity of the Factory Production Control

2451-CPR-EN1090-2014.2093.003

daldoss steel structure
the metallic structure for
platforms and lifts

Steel Structure





Durability in time

The baked enamel coating, also with base galvanized primer for structures for outdoors installations and the production processes with step by step quality controls, are the guarantee for durability in time allowing to reduce the maintenance costs.



Ease of Installation

The lightweight components, of modular and reduced dimensions, make the installation intuitive, easy and fast.

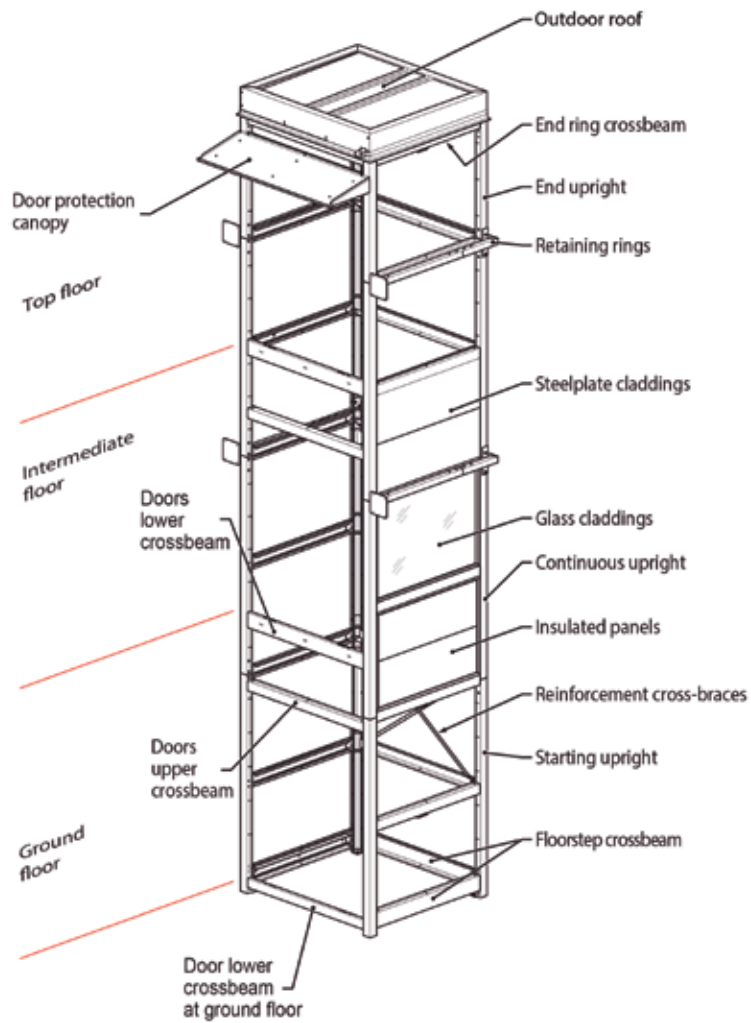


Finishes and options

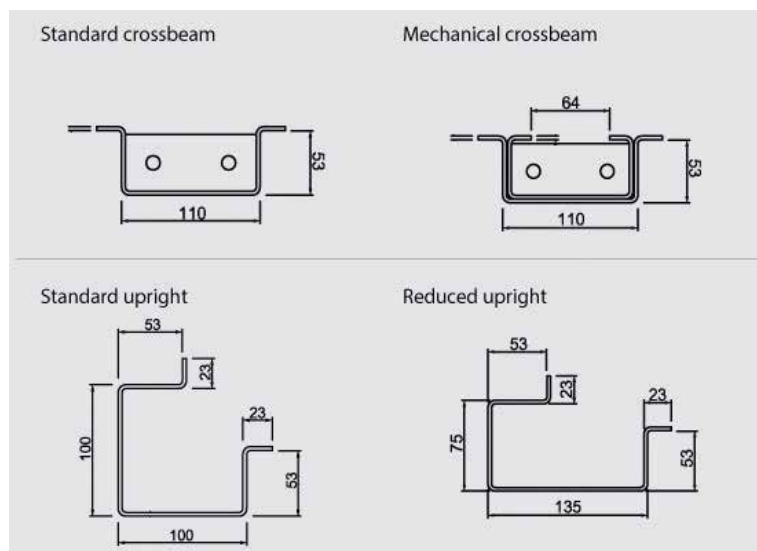
The vast choice of RAL colors, with several types of cladding and options all aimed to create an aesthetic result most suitable to the installation site.

Main Advantages

Structure details



Sections examples



drawings

Technical features

Rated load:	Max 630 kg (review on demand for higher loads)
Height:	Max 30 m
Beams placement intervals:	1200 mm
Material:	Structural steel plate machined elements.
Finishes:	Baked enamel RAL7038 (standard), any other RAL color from the Daldoss range or other RALs (option). Galvanizing epoxy base primer for structures for outdoors installations.
Facing:	Baked enamel steel plate structure cladding, or glass or insulated panels RAL 9002. Rooftop for both indoor (+50mm) or outdoor installation (+250mm).
Anchoring the structure to the building:	- Two sides of the structure to the kerbs ($R_{ck} \geq 25 \text{ N/mm}^2$). Maximum vertical distance in between fixings 3600mm. - One side of the structure with lateral brackets to be fixed to the kerbs ($R_{ck} \geq 25 \text{ N/mm}^2$). Maximum vertical distance in between fixings 3600mm. - Special fixing solutions to be designed for a specific request.

Documentation supplied:

- Structure technical calculation report (which includes specific wind and seismic actions).
- Structure file containing drawings, bill of materials, technical specs, materials certificates and traceability of the same.
- Structure installation manual.
- Structure maintenance manual.
- Declaration of performance and CE markings according to EN 1090-1.
- If requested, we can supply the steelplate specimen used for the construction of the structure and the resulting reports of the tests executed by specialized, independent labs.

Norms:

- NTC 2018: MINISTERIAL DECREE 17 JANUARY 2018 "New Technical Norms for Constructions"
- CNR-UNI 10011 - June 1988. Steel Constructions. Instructions for the calculation, execution, testing and maintenance.
- EN 1090-1 "Execution of steel and aluminum structures - Part 1: Requirements for the evaluation of conformity of the structural components".
- EN 1090-2 "Execution of steel and aluminum structures - Part 2: Technical requirements for steel structures".

technical
features

Standard



Baked enamel RAL steel plate cladding, stainless steel or skinplate



Glass holding profiles and gasket for structure EXTERNAL face installation



Outdoor roof (+250 mm)



Indoor roof (+50 mm)



Lateral brackets for anchoring of the structure (fixing on one side only)



Reinforcement cross-braces for headroom without anchoring points



Access protection canopy in baked enamel steel



Cladding with transparent glass, smoked, "Stopsol", etc.



Baked enamel Pearl Grey RAL 7038

s t a n d a r d

Options



Cladding with sandwiched insulating panels RAL 9002



Steel plate cladding with aeration slits



Cladding with "flush-face"-glass and stainless steel fixing studs



Cladding with outer structure glass and stainless steel fixing studs



Glass holding profiles and gasket for installation from INSIDE the structure (for indoor)



Uprights and crossbeams revetments in stainless steel or skinplate

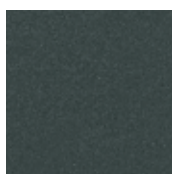


Glass canopy for access protection



Gangway connecting structure to the building

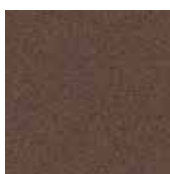
Option of baked enamel colors



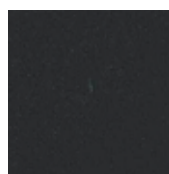
Anthracite grey
RAL 7016



Greyish
Aluminum
RAL 9007



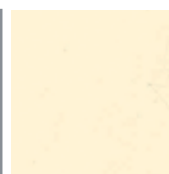
Rust 56R0 3112



Intense Black
RAL9005



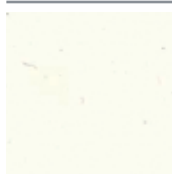
Micaceous
anthracite 5620
2503



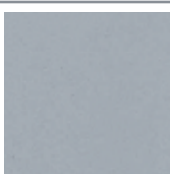
Light Ivory
RAL 1015



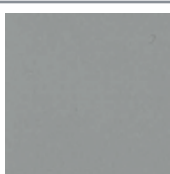
Brilliant Aluminum
RAL 9006



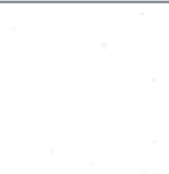
Cream White
RAL 9001



Window Grey
RAL 7040



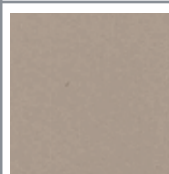
Stone Grey RAL
7030



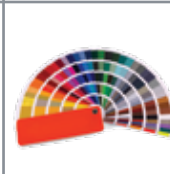
Pure White
RAL 9010



Pearl White RAL
1013



Beige
RAL 1019



Other RAL
colors available

options



Office, Italy



Company, Russia



Hotel, Italy



installations

Let us help you...

At Daldoss we simply try to make life easier for our customers and users of our lifts. Our experienced staff can assess your individual needs and advise on the ideal lift product - working with you through to installation of your lift.



Quality
Management
System ISO 9001



Structural Steel CE
Marking EN 1090-1 class
EXC2

daldoss
design

Daldoss Elevelectronica Spa



Do you want
more
information?



Daldoss EleveTronic Spa

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