The MODUM Fire Escape Ladder

The MODUM Fire Escape Ladder is elegantly designed for permanent wall mounting - and it is ready for use in seconds.

The MODUM Fire Escape Ladder is designed and manufactured in Denmark, it is made of anodised aluminium, and it is covered by with 15 years warranty.



1

Pull out the Release Pin



2

Open the Ladder



3

Climb Down



The MODUM Fire Escape Ladder is the perfect solution for new buildings as well as an aftermarket installation.

The MODUM Fire Escape Ladder is easy to demonstrate to the customer.

The MODUM Fire Escape Ladder is easy to install – the installation is usually finished in less than an hour.

The production is located in Denmark, and we ship orders within 7-9 days.

The MODUM Fire Escape Ladder is available in all RAL colours.



Upon request, we can deliver in any RAL colour.

The MODUM Fire Escape Ladder is available in 16 standard lengths with a step spacing of 300 mm. Step length 311 mm.

The MODUM Fire Escape Ladder properties

- The original foldable Fire Escape Ladder, designed and manufactured by MODUM ApS in Denmark.
- Full anodised aluminium construction and stainless-steel provide excellent durability. The Ladders are covered by 15 years product warranty.
- The profiles are rebated in a perfect fit, and the ladder is weatherproof and maintenance-free.
- The slimline, fold-away design, when closed the profile of only 72 mm deep.
- Anti-slip aluminium rungs are concealed inside the ladder's profile when closed.
- Anti-tamper Release pin at the height of the escape window eliminates unauthorised use from the ground.
- Optional MODUM harness for extra safety.
- The installation is simple, and all the necessary wall plugs and screws are supplied.
- The release pin is 100% acid-proof stainless steel, and it is mounted in a nylon liner to prevent corrosion.
- Test report from SP Technical Research Institute, Sweden.
- Product approval from SINTEF Teknisk Godkjenning, Norway.
- MODUM Fire Escape Ladder is approved in compliance with the European Standard NS-EN 131.
- Stability for a 2.4 m ladder:
  - Vertical stability 9.5 kN = 969 kg.
  - Horizontal stability 2 kN = 204 kg.
- Measurements:
  - Closed 72 mm deep x 47 mm wide.
  - Open 398 mm deep x 47 mm wide.
  - Weight 3,1 kg per running meter.

The MODUM Fire Escape Ladder with back protection

Innovation is at the core of all our Ladders.

The MODUM Fire Escape Ladder with back protection is also foldable,

and the back protection is added to extra safety when climbing taller buildings.



When closed the Ladder has a minimal footprint.

Measurements:

- Spacing 650 mm (inside).
- Closed 250 mm deep.
- Open 648 mm deep.
- Spacing between vertical rod 270 mm.
- Spacing between horizontal bar 1.200 mm.



The MODUM Fire Escape Ladder with back protection have identical technical properties like the MODUM Fire Escape Ladder.

The MODUM Cornice Ladder

To accommodate buildings with cornice or eaves, MODUM has designed an elegant solution; The MODUM Cornice Ladder.

The MODUM Cornice Ladder has the same technical specifications as the MODUM Standard Escape Ladder; however, the design has been engineered with 1, 2, 3 or 4 telescopic steps to accommodate buildings with cornice or eaves.

- Available in RAL colours.
- The non-slip telescopic aluminium steps are hidden when the ladder is closed.
- When the ladder is closed, it is extremely compact with a depth of only 72 mm.
- The release pin is positioned to accommodate opening from above while preventing unauthorised access from the ground.
- Installation is usually finalized within one hour.
- Stability:
  - Vertical stability: 9.5 kN = 969 kg.
  - Horizontal stability: 2 kN = 204 kg.
- Closed:
  - 72 mm deep x 47 mm wide.
  - 1 telescopic step unfold 145 mm deep.
  - 2 telescopic steps unfold 319 mm deep.
  - 3 telescopic steps unfold 492 mm deep.
  - 4 telescopic steps unfold 665 mm deep.
- Weight:
  - 3.1 kg per running meter.



The MODUM Inspection Ladder for socket

The MODUM Inspection ladder for socket is specially designed for permanent mounting on a concrete socket. The inspection Ladder is the perfect solution for Power masts or cell towers, which regularly require service or maintenance. MODUM Inspection ladder is provided with a lock, which prevents unauthorized access.

For safety reasons, the Inspection ladder is mounted at least 180 cm above the exit level, which provide a secure grip for both hands - before stepping down on the ladder. The inspection ladder is fastened to the base with two aluminium clamps, and the entire structure is excellent and safe. When the inspection Ladder is closed, the non-slip steps are hidden inside the frame of the ladder, which means that the ladder is maintenance-free.

- Available in RAL colours.
- The non-slip steps are hidden when the ladder is closed.
- When closed, the ladder is extremely compact with a depth of only 72 mm.
- The solid lock prevents unauthorized access and theft.
- Installation is usually finalized within one hour.
- Stability:
  - Vertical stability: 9.5 kN = 969 kg.
  - Horizontal stability: 2 kN = 204 kg.
- Standard lengths:
  - 3.000 mm / 3.300 mm / 3.600 mm / 3.900 mm.
  - 4.200 mm / 4.500 mm / 4.800 mm.
  - 5.100 mm / 5.400 mm.
- Mounting clamps:
  - Diameter 600 mm.
  - Diameter 750 mm.
  - Diameter 1.000 mm.



The MODUM Mobile Ladder

The MODUM Mobile Ladder is made of anodized aluminium, it a compact and elegant design. When the Ladder is closed the anti-slip, steps are hidden inside the frame; this makes the ladder entirely maintenance-free. The Mobile Ladder is secured by 2 powerful magnets who prevent movement and vibration noise during transport.

The foldable design is quick and easy to operate, and the Ladder can provide safe access to any elevated platform.

MODUM Mobile Ladder can be custom-built to fit any type of truck. The standard colour is metallic, silvery aluminium; however, it is also available in all RAL colours.

Specifications

The Mobile Ladder is delivered with a locking mechanism to prevent unauthorized usage and theft.

The Mobile Ladder is covered by 15 years of warranty.

Designed and manufactured in Denmark.





- Measurements:
  - Folded 60 mm deep x 40 mm wide.
  - Open 295 mm deep x 40 mm wide.
  - Weight 2.7 kg per running meter.

- Standard length:
  - MODUM Mobile Ladder with 3 steps 1,200 mm.
  - MODUM Mobile Ladder with 4 steps 1,500 mm.
  - MODUM Mobile Ladder with 5 steps 1,800 mm.
  - MODUM Mobile Ladder with 6 steps 2,100 mm.
  - MODUM Mobile Ladder with 7 steps 2,400 mm.
  - MODUM Mobile Ladder with 8 steps 2,700 mm.

The MODUM Foldable Rail Guard

The success of MODUM's Innovative ladders has paved the way for the MODUM Foldable Rail Guard.

The MODUM Foldable Rail Guard is the perfect solution for commercial verticals with tanks, containers or any build-up - which requires inspection.

The MODUM Foldable Rail Guard is designed as a lightweight, hassle-free inspection system with a foldable railing for trucks or trailers.

The MODUM Foldable Rail Guard is tested by Force Technology, Materials and Products Testing in Denmark.

The MODUM Foldable Rail Guard sustained 80 kg of load without permanent deformation. After a permanent setting of 17 mm in the frame of the gangway, the MODUM Foldable Rail Guard was still able to operate as designed.

Measurements:

- Length max. 15 m
- Height open 0.9 m – 1.2 m
- Height closed 70 mm
- Wide 47 mm





The MODUM Safety Systems is an attractive add-on business

The MODUM Safety Systems is the perfect complement to any portfolio of fire and safety services.

The MODUM products are very compact and easy to ship.

Product stock is recommended but not required.

We offer an array of fittings for quick and easy mounting on any surface.

We continue to innovate, and we add new features to the Escape Ladder every year.

Lock for use as Inspection Ladder



Ladder with release station for tall buildings





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