Smart roof access hatches

- Proven, durable top quality
- Optimum safety and ease of use
- Total solutions for every situation
Staka roof access hatches: top quality in many areas.

Staka sets itself apart via a combination of high product quality, excellent service and competitive pricing. Staka roof hatches are tested, have a high loadbearing capacity, and are extremely well insulated, providing the ultimate solution for fast and easy access to roofs and roof terraces!

- Extremely durable construction from powder-coated stainless steel.
- Insulation value in cover is $R_c = 3.81$ in accordance with EN ISO 6946.
- Load bearing capacity of up to $4800$ kg per m² in accordance with EN 1991.
- Windproof and waterproof up to a minimum of $650$ Pa. in accordance with EN 1026 and EN 12155.
- Ladders and staircases comply with strictest European standards.

Ron Drijver, Hercuton BV, contractor

“As building contractors, we work only with partners that deliver added value, i.e. solid companies that provide high-quality products. Staka supplies roof access hatches at competitive prices without any concessions to quality. As a result, we know exactly what we’re getting in terms of price/quality ratio, delivery times, orders and ease of construction. Building with Staka components means building a good relationship with our clients.”
“Why Staka? Because I’m completely satisfied with their price and quality.”

Ron Drijver, contractor
Hercuton BV
“A roof access hatch from Staka is the best guarantee for safe roof access.”

Ted Ham, commercial director at ZND Nedicom
Staka roof access hatches provide optimum safety.

Staka roof access hatches comply with the strictest safety standards. Not only the roof access hatch itself but the entire concept provides a safe point of access to the roof, from the ladder with a secure connection and the roof hatch with a handrail through to the safety railing on the roof.

- Easy installation of extra step in the upstand for connecting and securing the ladder.
- Adjustable handrail in cover ensures safe and secure entry and exit.
- Minimum level of push/pull force needed for opening and closing.
- Cover secured against accidental closure.
- Retractable ladder fitted with telescopic railing.
- Extra safety provided by safety railing on roof around roof hatch.

Ted Ham, commercial director at ZND Nedicom

“We, the roofers and façade builders at ZND Nedicom, know better than anyone how important safety is when working at height. Staka satisfies our requirements in this area with their well-designed and safe roof access hatch. Thanks to our relationship with Staka, we are always assured of safe access to the roof.”
Staka roof access hatches total solutions at the highest level of quality.

With Staka, you are assured not only of safe, high-quality products but also of fast and reliable delivery and an optimum flow of information. Staka offers total solutions of the highest quality in every area, ranging from a standard roof access hatch with ladder for roof maintenance to a hatch cover with double glazing and electrical controls for accessing a roof terrace.

- Suitable for commercial & industrial buildings as well as residential buildings.
- Suitable for new buildings, structural alterations and renovations.
- Request and receive an offer online in 2 minutes using our roof access hatch configurator.
- 2D and 3D drawings available via the website and Trimble 3D Warehouse.
- Product specifications available via the website.
- Short delivery times as a result of delivery from stock and efficient in-house production.

Paul de Bruijn, architect

“Staka roof access hatches demand only a minimum investment of time from me, thanks in part to the excellent documentation available online, including drawings and specifications. And they are the best possible guarantee for a suitable and safe solution at every location.”
“I can work quickly and efficiently using the online specifications and drawings available from Staka.”

Paul de Bruijn, architect
Staka roof access hatches

Staka® is the largest supplier of high-quality stainless steel roof hatches and accessories, offering safe and secure access to flat roofs. Our roof access hatches are extremely strong, durable and easy to use. All models are available from stock and can be supplied with various access modes such as ladders and staircases. The smaller models are used in particular to provide safe access to flat roofs for inspection and/or maintenance work or to access equipment installed on the roof. The larger models are popular for providing a smartly styled point of access to the roof terrace.

Dimensions

Staka roof access hatches can be supplied from stock in several standard sizes:

<table>
<thead>
<tr>
<th>Model without window</th>
<th>Clearance*</th>
</tr>
</thead>
<tbody>
<tr>
<td>DL 97</td>
<td>900 x 700</td>
</tr>
<tr>
<td>DL 99</td>
<td>900 x 900</td>
</tr>
<tr>
<td>DL 147</td>
<td>1400 x 700</td>
</tr>
<tr>
<td>DL 159</td>
<td>1500 x 900</td>
</tr>
<tr>
<td>DL 249</td>
<td>2400 x 900</td>
</tr>
</tbody>
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<td>DL 249</td>
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</tbody>
</table>

* Longest side = hinged side

Accessories

The roof access hatches can be supplied in combination with ladders, staircases and other accessories.

- **Hook-on extension ladders**: Available in 1, 2 or 3-part construction, compliant with NEN 2484, and supplied with Komo KlimKeur certificate: the ladders can be fitted with accessories to hook them over the edge or hang them up and to provide additional safety and security.

- **Retractable ladders**: Fitted with a telescopic railing, compliant with EN 14975, and suitable for ceiling heights of up to 3250 mm.

- **Fixed vertical ladders and caged ladders**: Supplied with wall brackets for wall mounting, compliant with EN 14122-4 standard, and also available with cage safety feature.

- **Fixed staircase**: A fixed aluminium staircase is an appropriate solution for regularly accessing the roof via a large roof hatch; comes complete with handrails.

- **Safety railing**: Safety railings are installed alongside or around the roof hatch and provide extra support and safety when entering and exiting the roof hatch.

Opties

- Translucent Lexan polycarbonate window in cover.
- Transparent, insulated (HR++), toughened double glazing in cover.
- Electrical operation with thermal protection for the motors and wireless remote controls.
- Knob cylinder instead of cylinder lock.
- Other RAL colours available on inside and/or outside.

Additional options available upon request.

For the most recent information, please go to our website: [www.roofaccesshatches.co.uk](http://www.roofaccesshatches.co.uk). Here, you can download product specifications, 2D and 3D drawings, documentation, manuals and other files. You can also request an offer online, view reference projects with photos, and read the latest news.
**Material**
Stainless steel (AISI 304 or equivalent).

**Dimensions**
900 x 700 mm clear width
Longest side = hinged side
Upstand: 330 mm

**Insulation**
Hard foam approx. 50 mm thick along the outside of the upright edge and approx. 80 mm thick in the cover itself.

**Rc value insulation**
Inside cover $R_c = 3.81 \text{ (m}^2\text{K/W)}$

**Closure mechanism**
Two-point closing mechanism with euro cylinder lock and three keys.

**Gas springs**
Make it easy to open and close the hatch cover and automatically secure the hatch when open.

**Windproof and waterproof**
EN 1026 / EN 12155: 650 Pa
With neoprene rubber between the upright edge and cover.

**Maximum load**
Up to approx. 4.800 kg/m²

**Safety features**
Three handles and diagonal railing on inside of cover.

**Structural strength**
3,000 Pa.

**Surface paint**
Powder coating interior and exterior, colour white (RAL 9010). Other colours upon request.

**Available with**
- Retractable ladder
- Hook-on ladder
- Fixed ladder
- Safety railing
**Material**
Stainless steel (AISI 304 or equivalent).

**Dimensions**
900 x 900 mm clear width
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Other colours upon request.

**Available with**
- Hook-on ladder
- Fixed ladder
- Safety railing
**Material**
Stainless steel (AISI 304 or equivalent).

**Dimensions**
1400 x 700 mm clear width
Longest side = hinged side
Upstand: 330 mm

**Insulation**
Hard foam approx. 50 mm thick along the outside of the upright edge and approx. 80 mm thick in the cover itself.

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- Fixed ladder
- Fixed stair
- Safety railing
**Material**
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**Dimensions**
2400 x 900 mm clear width
Longest side = hinged side
Upstand: 330 mm

**Insulation**
Hard foam approx. 50 mm thick along the outside of the upright edge and approx. 80 mm thick in the cover itself.

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Three handles and diagonal railing on inside of cover.

**Structural strength**
3,000 Pa.

**Surface paint**
Powder coating interior and exterior, colour white (RAL 9010). Other colours upon request.

**Available with**
- Hook-on ladder
- Fixed ladder
- Fixed stair
- Safety railing
DL 189 with window - Roof hatch 1800 x 900

**Material**
Stainless steel (AISI 304 or equivalent).

**Dimensions**
1800 x 900 mm clear width
Longest side = hinged side
Upstand: 280 mm high

**Insulation**
Rigid foam approx. 53 mm thick along outside of upstand.

**Rc-value**
$Rc = \text{min. } 0.7 \text{ (m}\cdot\text{K}/\text{W})$

**Closure**
Two-point closure with euro cylinder lock incl. three keys.

**Gas pressure springs**
These allow the simple opening and closing of the cover and also secure it in position when open.

**Windproof and watertight**
Thanks to neoprene rubber between upstand and cover.

**Load-bearing capacity**
Maximum of approx. 200 kg/m²

**Safety features**
Three grips and diagonal handrail on inside of cover.

**Window**
Translucent Lexan polycarbonate 32 mm thick.

**Finish**
Inside and outside powder coating, colour white (RAL 9010); other colours available upon request.

**Available with**
- Extension ladder
- Fixed ladders/caged ladders
- Fixed stair
- Safety railing
## DL 249 with window - Roof hatch 2400 x 900

<table>
<thead>
<tr>
<th>Material</th>
<th>Stainless steel (AISI 304 or equivalent).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>2400 x 900 mm clear width</td>
</tr>
<tr>
<td></td>
<td>Longest side = hinged side</td>
</tr>
<tr>
<td></td>
<td>Upstand: 280 mm high</td>
</tr>
<tr>
<td>Insulation</td>
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</tr>
<tr>
<td></td>
<td>along outside of upstand.</td>
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<td>Rc-value</td>
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</tr>
<tr>
<td></td>
<td>- Safety railing</td>
</tr>
</tbody>
</table>

![Diagram of DL 249 with window - Roof hatch 2400 x 900](image-url)
Specifications

Sunlight-reflective and toughened glass on the outside.
Fire-resistant laminated HR++ (high efficiency) glass on the inside.
Total thickness including cavity: 32 mm.
U-value: 1.2.
Electronic operation using remote control.
Electrical operation - Roof access hatch

Specifications
High-quality motors with thermal protection.
Equipped with emergency power supply.
Supplied with remote control.
Can be stopped in any desired position.
Optional connection to fire alarm system.
Suitable for all roof hatch models.
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Electrical operation - Roof access hatch

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- Supplied with remote control.
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- Optional connection to fire alarm system.
- Suitable for all roof hatch models.
### Retractable ladder 800 x 700

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Standard retractable ladders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height of casing</td>
<td>supplied with casing, ceiling hatch,</td>
</tr>
<tr>
<td>Ceiling height</td>
<td>operating eye and operating hook</td>
</tr>
<tr>
<td>Steps</td>
<td>140 mm</td>
</tr>
<tr>
<td>Distance between steps</td>
<td>max. 3250 mm</td>
</tr>
<tr>
<td></td>
<td>340 x 120 mm, featuring non-slip profile</td>
</tr>
<tr>
<td></td>
<td>approx. 280 mm, depending upon ceiling height</td>
</tr>
<tr>
<td>Quality complies with</td>
<td>EN 14975</td>
</tr>
<tr>
<td>Retractable ladders</td>
<td>fitted with telescopic railing</td>
</tr>
</tbody>
</table>

**Built-in dimensions**

800 x 700 (in combination with DL 97)

Note: The roof thickness (incl. lowered ceiling) must be a minimum of 250 mm, otherwise, you will need to fix the roof access hatch to a newly constructed upstand to ensure that the retractable ladder does not come into contact with the roof access hatch when closed.
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<tr>
<td>Retractable ladders fitted with telescopic railing</td>
<td></td>
</tr>
</tbody>
</table>

**Built-in dimensions**

1200 x 700 (in combination with DL 147)

Note: The roof thickness (incl. lowered ceiling) must be a minimum of 250 mm, otherwise, you will need to fix the roof access hatch to a newly constructed upstand to ensure that the retractable ladder does not come into contact with the roof access hatch when closed.
Stair construction for bridging the distance between the ceiling and the roof (plenum)

High-quality aluminium.

Simple installation on the roof.

Available with one or more steps.

Anti-slip steps, height adjustable.

With a pre-mounted handrail (for two or more steps).

Only suitable for roof access hatch 1400 x 700 with retractable ladder 1200 x 700.
The ladder can also be connected to a step, which must be attached to the upstand. The anchor points for doing so are already present.

Material: High-quality lightweight aluminium.
Quality: Complies with NEN 484 and EN 131 standards and also has Komo KlimKeur quality mark.
Options: Can be connected to roof hatch step; can be secured against removal during use; can be hung on wall brackets after use.
The ladder can also be connected to a step, which must be attached to the upstand. The anchor points for doing so are already present.

Material: High-quality lightweight aluminium.
Quality: Complies with NEN 484 and EN 131 standards and also has Komo KlimKeur quality mark.
Options: Can be connected to roof hatch step; can be secured against removal during use; can be hung on wall brackets after use.

<table>
<thead>
<tr>
<th>Rungs</th>
<th>Minimum length</th>
<th>Maximum length (extended)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3x8 rungs</td>
<td>2.47 m</td>
<td>5.85 m</td>
</tr>
<tr>
<td>3x10 rungs</td>
<td>3.04 m</td>
<td>7.00 m</td>
</tr>
<tr>
<td>3x12 rungs</td>
<td>3.60 m</td>
<td>8.65 m</td>
</tr>
<tr>
<td>3x14 rungs</td>
<td>4.17 m</td>
<td>10.05 m</td>
</tr>
<tr>
<td>3x16 rungs</td>
<td>4.73 m</td>
<td>11.45 m</td>
</tr>
</tbody>
</table>
A Hook-on system: The ladder is fitted with hooks for connecting to a fixed step, which can easily be attached to the upstand of the roof hatch. The anchoring points are already present and the anchoring materials are supplied together with your order.

B Security system: The ladder can be secured against theft or removal while in use by means of a lock (incl. key) fitted onto the ladder.

C Mounting system: After use, the ladder can be hung against the wall using two wall brackets, with the option of securing the ladder in place with a chain and padlock (incl. keys).
Specifications
High-quality aluminium.
Safe and user-friendly.
Available with telescopic railings to assist user when exiting.
Quality: EN 14122-4
Stiles: ± 69 x 25 mm
Rungs: ± 30 x 33 mm
Ladder width: ± 650 mm
To be mounted to the wall with wall brackets (included).
Cage obligated when height is three metres or greater.
Fixed ladders - Façade ladders

Specifications
High-quality aluminium.
Safe and user-friendly.
Available with telescopic railings to assist user when exiting.
Quality: EN 14122-4
Stiles: ± 69 x 25 mm
Rungs: ± 30 x 33 mm
Ladder width: ± 650 mm
To be mounted to the wall with wall brackets (included).
Cage obligated when height is three metres or greater.
Fixed ladders - Installation

With DL99 and DL 97

When clear width ≥ 1.000 mm

Wall brackets
**Specifications**

- High-quality aluminium.
- Safe and user-friendly.
- Perforated steps.
- Quality: EN 14122-3
- Steps: ± 200 mm deep
- Width: ± 650 mm

- Outer width: ± 800 mm
- Angle: ± 50 degrees
- Railing: left and right
- Fitted to the boarding under the roof hatch using half-mortise hinges.
Aluminium safety railings for installation alongside or around roof hatch
Available in various lengths.
Can be installed along one side, two sides or all around the roof hatch with self-closing gate on the access side (narrow side).
Supplied together with assembly supports.
Anchoring: on concrete slabs/concrete bases (not included as standard).