

5. Maintenance of the hatch.

Lubricate hinges and latch before installing the hatch. Repeat the procedure if necessary, but at least once a year.

6. Warranty commitments.

Hatches are warranted for 2 years after purchase (according to the mark in the passport or cashier's check), during which the supplier is obliged to eliminate factory defects, replace or repair the product. The warranty does not cover electroplating and powder coating of details. The latch is guaranteed for 1 year.

A warranty case may be denied if:

- the installation of the product did not follow the recommendations given in the instruction manual;
- there are mechanical damages on the product;
- door load capacity and sticking tile outreach violated;
- operating conditions are impaired;
- product is being misused.

Sale Date _____

The product has an Article and is not included in the "Unified list of products subject to mandatory certification".

The manufacturer reserves the right to make changes to the design and appearance of the product that do not affect the consumer properties of the product without additional notification.

Do not let children independently open, close or use the hatch without adult supervision.

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BodenLuke™

Steel floor hatch

1. Product description and purpose.

Steel floor hatch is designed for installation in the floor opening leading to the basement. The hatch is used to provide access to storage areas for home winterization or utilities for maintenance and repairs. Assumes further finishing with facing materials (tiles, linoleum, laminate and other coverings).



The floor hatch has a durable anti-corrosion polyurethane coating. The frame of the hatch leaf is made of steel profile pipe. Casement panel – moisture-resistant gypsum-fiber sheet. The materials used allow the hatch to be used in damp rooms.

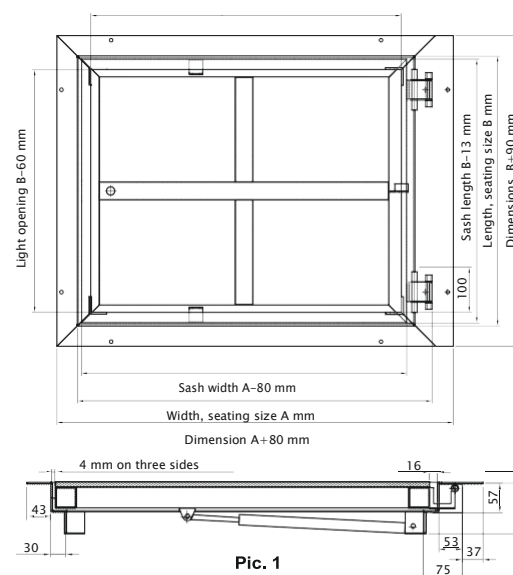
Gas lifts are used to facilitate the raising of the hatch leaf. When open, the hatch door is locked by a multi-position stop and when it is closed – by the original latch with a special key. Hatch opens by turning the latch key.

The following should be considered when selecting a hatch:

- the hatch size AxB matches the size of the floor opening (hatch seating size);
- dimension B – size of hinge side of the hatch;
- dimension A – the size of the side adjacent to the hinge side of the hatch;
- overall dimension – outer size of the hatch frame;
- the relation between hatch size AxB and sash size, light aperture and overall dimension is shown in pic. 1.

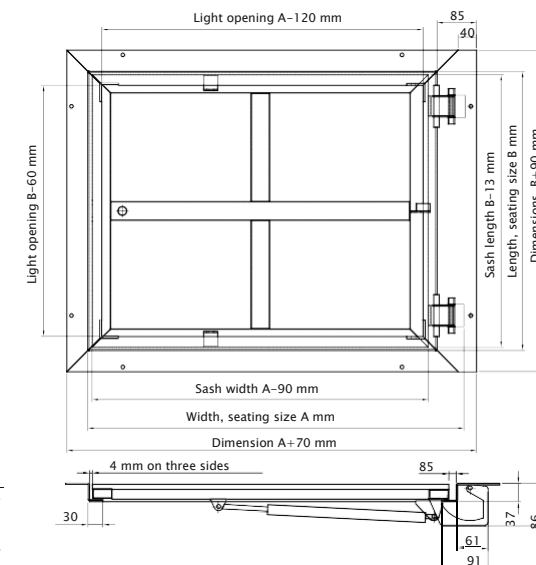
Floor parameters

Light opening A-110 mm



Floor hatch parameters

Light opening A-120 mm



Pic. 1

The hinges of the hatch are concealed, which makes the hatch invisible after covering it with cladding materials. The hatch is delivered assembled.

Hatches are manufactured in the following modifications:

- Basic model. Has a sash frame made of 40x40 profile pipe, decorative brass keyhole plug and multi-position stopper, preventing the hatch leaf from closing unintentionally.
- Thermally insulated version (the sash is insulated with 4cm thick foam plex).
- Removable version. Does not have hinges and shock absorbers, the hatch lid is lifted manually.

2. Product package.

Hatch assembly	1 pc.
Key	1 pc.
Label	1 pc.
Passport	1 pc.

3. Product specifications.

Hatch size (WxH), mm	Door load capacity, kg	Hatch size (WxH), mm	Door load capacity, kg	Hatch size (WxH), mm	Door load capacity, kg	Hatch size (WxH), mm	Door load capacity, kg
600x600	14	800x600	18	1000x600	23	1200x600	28
600x700	16	800x700	20	1000x700	25	1200x700	31
600x800	18	800x800	22	1000x800	28	1200x800	34
600x900	20	800x900	24	1000x900	31	1200x900	37
600x1000	22	800x1000	26	1000x1000	34	1200x1000	40
600x1200	24	800x1200	28	1000x1200	37	1200x1200	43
600x1300	26	800x1300	30	1000x1300	40	1200x1300	45
600x1400	28	800x1400	32	1000x1400	43	1200x1400	48
600x1500	30	800x1500	34	1000x1500	45	1200x1500	51
700x600	16	900x600	21	1100x600	25	1300x600	31
700x700	18	900x700	23	1100x700	28	1300x700	34
700x800	20	900x800	25	1100x800	31	1300x800	37
700x900	22	900x900	27	1100x900	34	1300x900	40
700x1000	24	900x1000	29	1100x1000	37	1300x1000	43
700x1200	26	900x1200	31	1100x1200	40	1300x1200	45
700x1200	26	900x1200	31	1100x1200	40	1300x1200	45
700x1300	28	900x1300	33	1100x1300	43	1300x1300	48
700x1400	30	900x1400	35	1100x1400	45	1300x1400	51
700x1500	32	900x1500	37	1100x1500	48	1300x1500	54

Warning! Exceeding the permissible weight of the cladding material may cause the hatch to break and void the warranty.

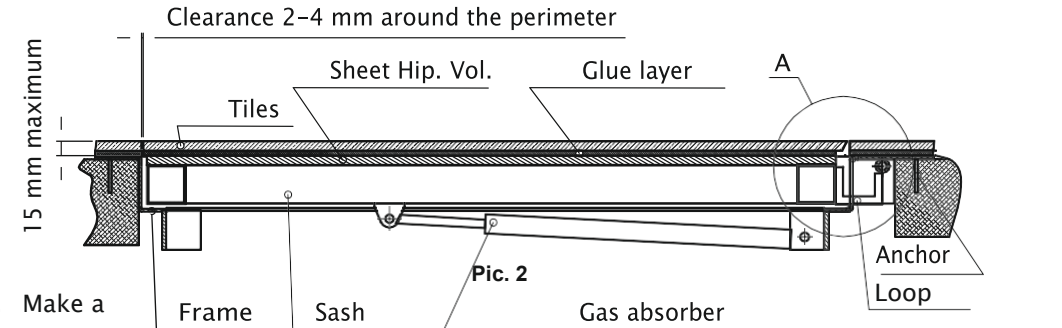
Do not step on the surface of the hatch before tiling.

4. Product assembly

1. Prepare an opening in the floor for installing the hatch. The size of the opening must be about 10 mm larger than the hatch.
2. Install the product in the prepared opening according to the level.
3. Check the hatch for opening and closing with the key. Grease the latch if necessary.
4. Fasten the hatch to the floor around the perimeter of the frame.
5. Fill the gaps with assembly foam, taking care not to get the foam into the hinge mechanism.
6. Wait until the foam has dried and check the opening and closing of the hatch with the key again.
7. Prepare the tiles or other coating. The thickness of the layer of cladding material should not exceed 15 mm.

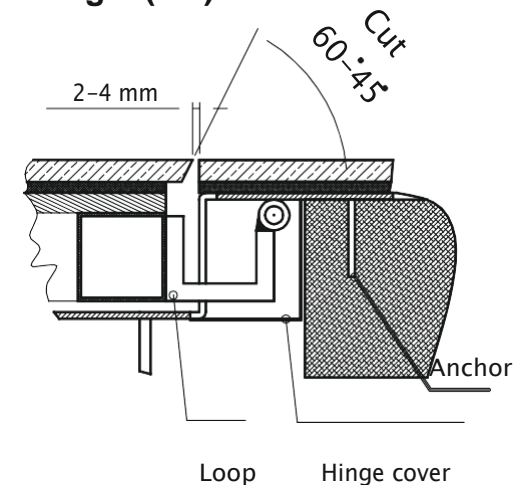
The requirements for tile laying are formulated in the diagram below (pic. 2, 3).

Installation method and location of the hatch tile



1. Make a keyhole in the tile with a diameter of 23 mm.
2. Pay attention to the position of the tiles in the hinge area. Tiles placed on the sash on the hinge side should be trimmed at a 45-60 degree angle.
3. The gap between the tiles on the hatch leaf and on the floor must be at least 2 mm.
4. Grout the intertile joints, except for the sash perimeter seam.
5. Fill the seam around the perimeter of the sash with a sealant that matches the color of the grout.
6. Level the silicone sealant and wait for it to dry.
7. Cut through the sealant with a stationary knife at a 135-degree angle relative to the hatch leaf, keeping the sealant layer on the leaf and removing it from the perimeter of the opening

Bug A (2:1)



The hatch is ready to be used.

Pic. 3