

anwis

ROLLER SHUTTERS



installation instructions

POLSKA

CERTIFICATE

Conceded to the organization:

ANWIS Sp. z o.o.

ul. Smocza 16/18

87-800 Włocławek

the place of operation covered by the scope of certification:

87-880 Pikutkowo 35E

Q&R Polska Sp. z. o.o certifies that the certified organization introduced and makes use of quality management system according to the requirements of :

ISO 9001:2015

The scope of certification:

Design, production and assembly of systems and elements of shutter roller blinds protections. Production of shutter roller blinds systems, systems of mosquito-nets and details and components for their assembly. Technical service and counselling connected with supplied details and systems.

AC 136

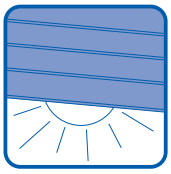
Certificate number:	**Q&R_041**
Date of first certification:	**31. 07. 2006**
Certificate validity from:	**25. 07. 2024**
Certificate validity until:	**24. 07. 2027**

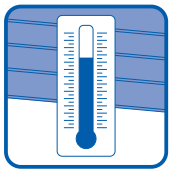
dr inż. Patrycjusz Stoma
President Q&R Polska Sp. z o.o.

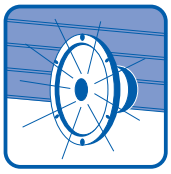
Certificate given by: Q&R Polska Sp. z o.o. , ul. Jagiellońska 2d, 20-806 Lublin, Poland
Certificate ver.: 8.0 EN, date: 25.07.2024

ROLLER SHUTTERS PROTECT YOU FROM:


BURGLARY


EXCESSIVE LIGHT


HEAT


NOISE


UNWANTED GLANCES

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General installation recommendations

The installation of roller shutters should be carried out by persons trained in compliance with safety regulations and rules, and familiar with the applicable building regulations.

- The installation site must be properly prepared and secured.
- Take special care when working at heights and when working with electrical equipment.
- The installation team should be equipped with protective clothing (gloves, goggles) and, when working at heights, with fall protection equipment such as safety harnesses and belts.
- When transporting components or finished products to the assembly site, the unit weight specified in health and safety regulations must be taken into account.
- After installing the product, check that the roller blind is working properly.
- Keep the site clean after finishing work, remove all kinds of debris and waste generated during installation.
- The product can be used after the installation work has been fully completed.
- Conduct user training on product operation and issue a warranty card.
- When installing motorised roller shutters, special attention should be paid to work safety. Electrical connections should be made by persons with appropriate qualifications and authorisations.
  For roller shutters with control systems, please refer to the instructions included with the product or download them from the www.anwis.pl website.
- It is prohibited to modify or alter the roller blind or its accessories without consulting the manufacturer.

The drawings provided are for illustrative purposes only.
The manufacturer reserves the right to make changes to the design and materials. Any attempt to modify or reconfigure the equipment without consulting the manufacturer may result in dangerous situations and loss of warranty.

Built-on roller shutter installation

INSTALLATION STEP BY STEP

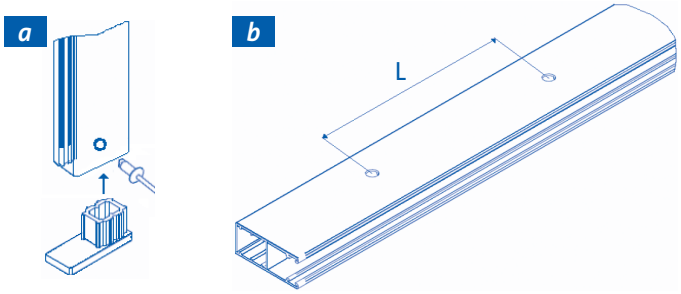
1 Remove the roller shutter curtain from the box.

2 Place the roller shutter box with the guide channels against the window frame or wall to mark the ideal installation location (in some cases, it may be necessary to cut the guides to size – they are typically 20 mm longer than required).

3 Mark the drilling locations for the screw holes on the guide channels and on the box.

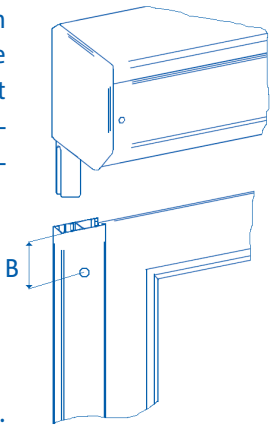
4 Set aside the box and guides, install the guide stops, rivet them from the front or side depending on the type of installation (Fig. 1a) and proceed to drill the holes.
The holes in the guides should be drilled at a distance of approx. L= 500 mm from each other (Fig. 1b).

Fig. 1



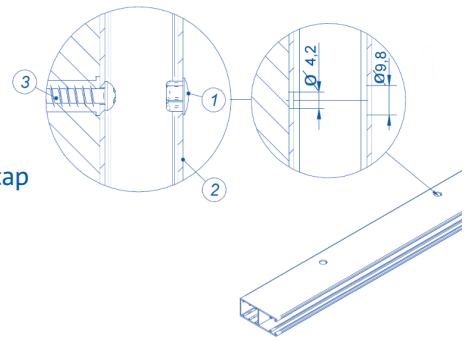
5 The upper hole must be drilled at a minimum distance of B=90 mm from the edge of the upper guide channel (Fig. 2). Drill with a drill bit diameter depending on the mounting materials used (anchors, expansion bolts, etc.).

Fig. 2



It is recommended (Fig.3):
- to drill the guide channels with a Ø 4.2 drill bit
- to drill a hole in the outer wall of the guide using a Ø 9.8 drill bit.
- after screwing in the screw – cover the hole with a cap

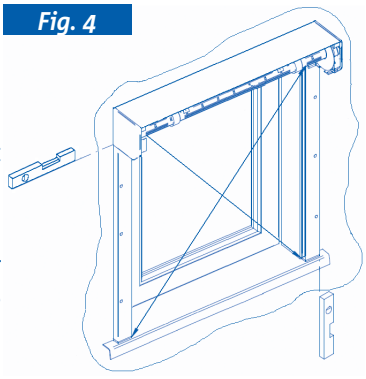
Fig. 3



1 – guide channel cap
2 – guide channel
3 – screw

6 Place the drilled guide channels and box against the wall or window frame.Mark the locations for the holes in the wall/window frame where the guides and box will be screwed in, mark the location of the passage (cord or tape) and obtain a perfect vertical and horizontal position using a spirit level (Fig. 4). Put the roller shutter aside and start drilling.

Fig. 4

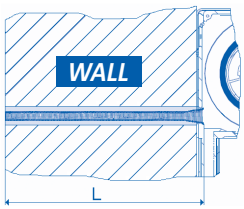


It is recommended:
- when mounting to a wall, use Ø10 expansion bolts (it is recommended not to use bolts shorter than 60 mm).
- when mounting to a window frame, use Ø5 screws (it is recommended not to use screws shorter than 40 mm).

7 Drill a hole in the wall or window frame to allow a cord or tape to be pulled into the room.
It is recommended:
- drill a hole for the cord with a Ø 10 drill bit
- drill a hole for the tape with a Ø 20 drill bit

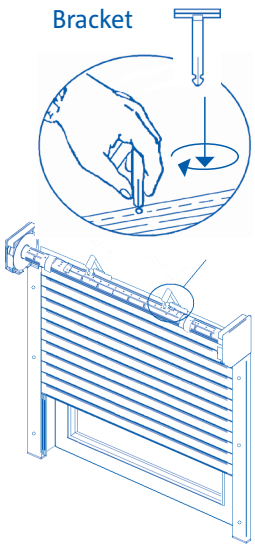
8 Insert a spring (for cord) or a 19 mm diameter PVC pipe (for tape) into the drilled hole. The spring should be stretched to match the width of the wall. The ends of the spring should remain unstretched for a length of approx. 50 mm. Insert the spring with the 'funnel' facing the box (Fig. 5). (L= 250, option 500 mm).

Fig. 5



9 After drilling all the holes (inserting dowels for screws in the case of wall mounting), pull the cord through the hole where the spring or PVC pipe has been placed. Screw the box and the guide channels into place. The end of the spring ('funnel') should protrude from the box by approx. 10 mm, and the other part should be inserted into the grommet with the ring.

Fig. 6

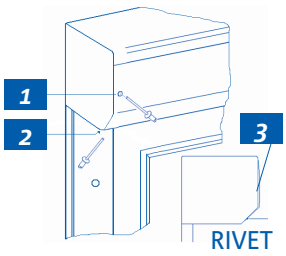


10 Install the curtain (Fig. 6) by sliding it over the shaft into the guide channels, starting with the end slat, and then attach mounting brackets.

Built-on roller shutter installation

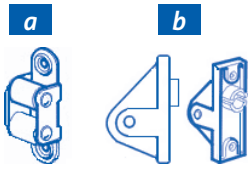
11 Install the front cover of the roller shutter box – service cover (Fig. 7). To do this, drill through the edge of the cover (taking into account the width of the side cover) and then rivet it. First, make a hole in the upper part of the cover (1) and rivet it, then do the same in the lower part (2). This will prevent the service cover from bulging (3).

Fig. 7



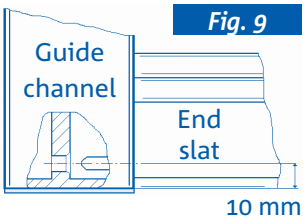
12 In the room, where the cord or tape comes out, screw a cord guide with a tube, two rollers or a brush to the wall or window frame (Fig. 8). When attaching the cord guide to the wall, it is recommended to use expansion bolts from Ø 6 to Ø 8.

Fig. 8



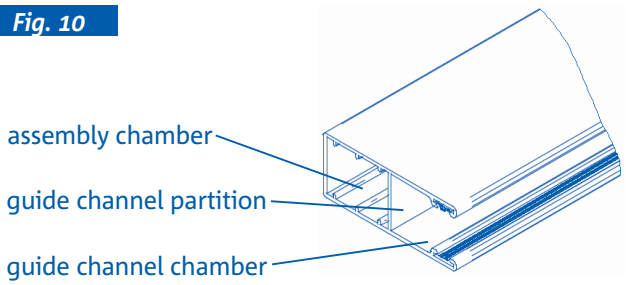
13 For roller blinds with an automatic bolt, drill holes for the bolt pins 10 mm from the bottom of the guide channel using a Ø 9.8 drill bit. The holes should be shaped into an ellipse. It is best to drill a hole and then drill it out with a larger drill bit so that the bolt pin slides in and out without any obstacles.

Fig. 9



WARNING! When installing roller blinds with an automatic bolt, do not damage the guide channel partition, as this may cause the automatic bolt pin to jam.

Fig. 10



14 Installing the coiler (Fig. 11). Open the coiler housing (1) and remove the entire mechanism (2). Lightly singe the end of the string, insert it through the cord guide (5), and then insert it into the hole on the drum (3), moving it sideways to tighten it. The tape is installed by making a hole in it and locking it in the drum holder. It is recommended to rivet it. Release the spring lock (4), wind the cord or tape onto the drum and install the coiler (Fig. 12). We screw it to the wall or window frame using the bracket (6) at the height that is most convenient for the customer.

Fig. 11

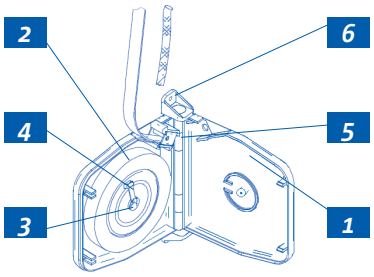
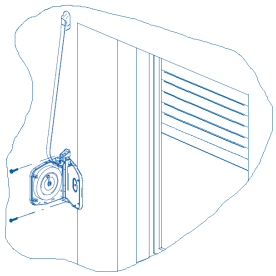


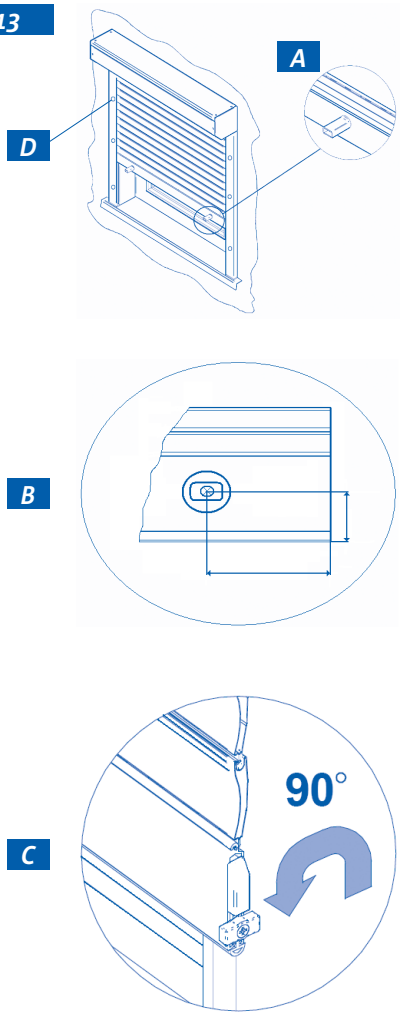
Fig. 12



15 The roller shutter with an automatic bolt is equipped with round stoppers (Fig. 13A), which should be installed at least 150 mm from the side and at least 45 mm from the bottom edge of the end slat (Fig. 13B) on the right and left sides of the roller shutter. In a roller shutter equipped with a rotary stopper in the end slat, turn the stopper to the horizontal position (Fig. 13C).

16 Install screw caps (Fig. 13 D).

Fig. 13



17 In the case of motorised roller shutter, the installation (schematic diagram) and setting of the motor's end positions are included in the manufacturer's instructions for the motor.

Integrated roller shutter installation

INSTALLATION STEP BY STEP

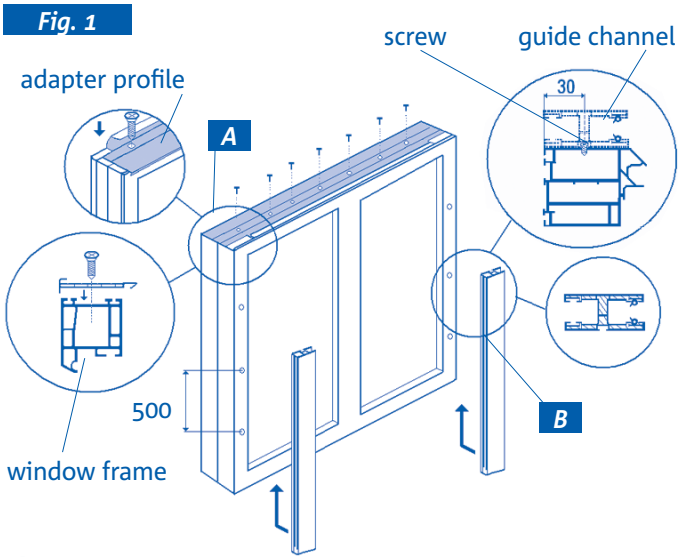
1 Screw the adapter profile (universal) (Fig. 1A) to the window frame using a cone point set screw across the entire width of the profile, at a minimum distance of 100 mm from each other.

2 Mark the location for mounting the screws for the guides on the window frame, drill holes with a Ø 3 drill bit, at a minimum distance of 200 mm from each other.

3 Screw the screws for the guides into the window frame at a distance of 30 mm from the outer edge of the window frame.

4 Attach the guides to the frame by sliding them onto the screws (Fig. 1B).

Fig. 1



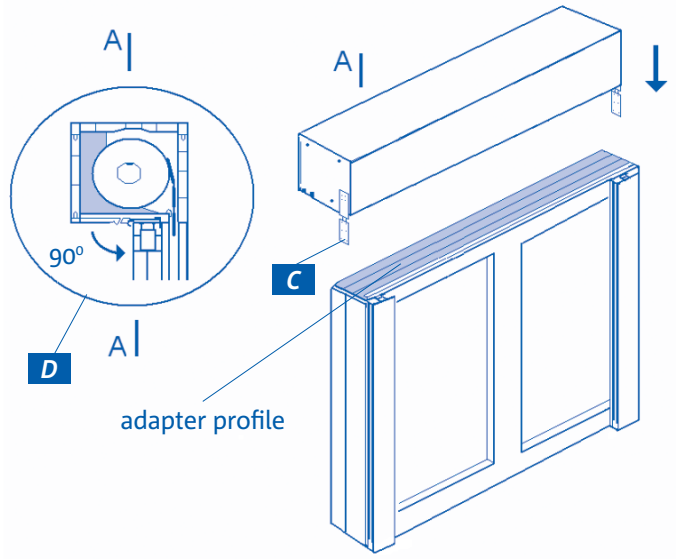
5 Cut the guide channels as needed (standard length is 20 mm longer).

6 Place the roller shutter box on the window frame and clip it into the adapter profile screwed to the window frame (Fig. 2), slide the end slat of the curtain into the guides.

7 Screw the mounting plates to the side of the roller shutter box and then to the side of the window frame (Fig. 2C).

8 Mount the roller shutter and the window in the recess.

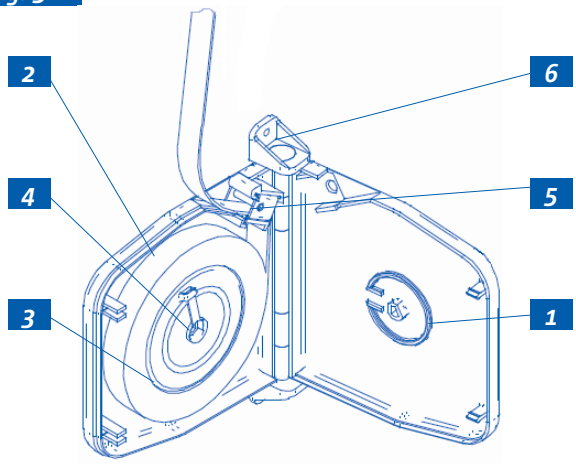
Fig. 2



9 Install the tape coiler for raising and lowering the roller shutter (Fig. 3).

Open the coiler housing (1) and remove the entire mechanism (2). Make a hole in the tape, insert it through the cord guide (5) and lock it in the drum holder (3) – riveting is recommended. Release the spring lock (4), wind the tape onto the drum and install the coiler. Screw it to the wall or window frame using the bracket (6) at a height that is most convenient for the customer (Fig. 4), but no higher than 1.8 m.

Fig. 3

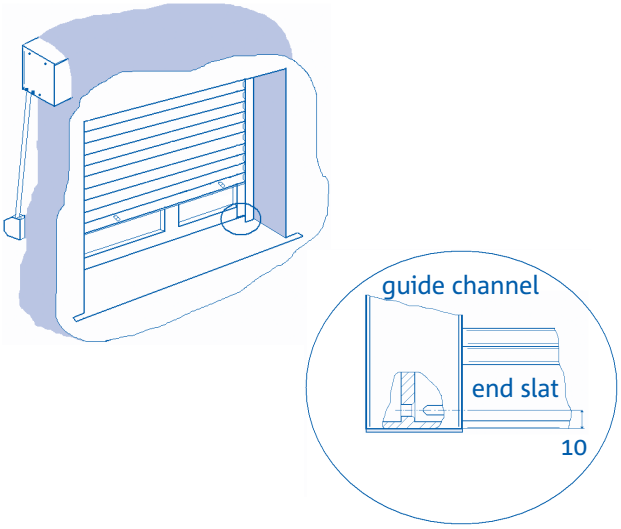


10 Install the service cover of the box (Fig. 2D).

Integrated roller shutter installation

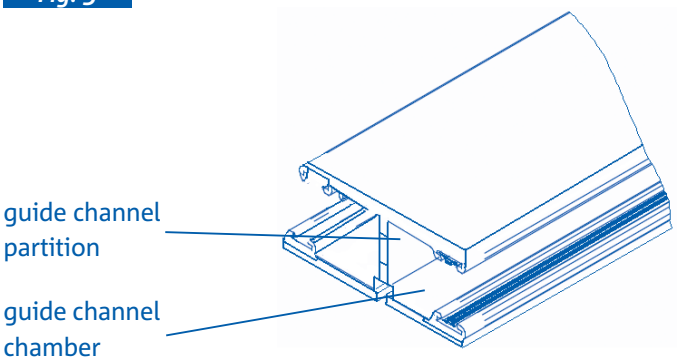
11 In roller shutters with an automatic bolt, drill holes for the bolt pins 10 mm from the bottom of the guide channel using a Ø 9.8 drill bit (Fig. 4). The holes should be shaped into an ellipse by drilling a hole and then drilling with a larger drill bit so that the bolt pin slides in and out without any obstacles.

Fig. 4



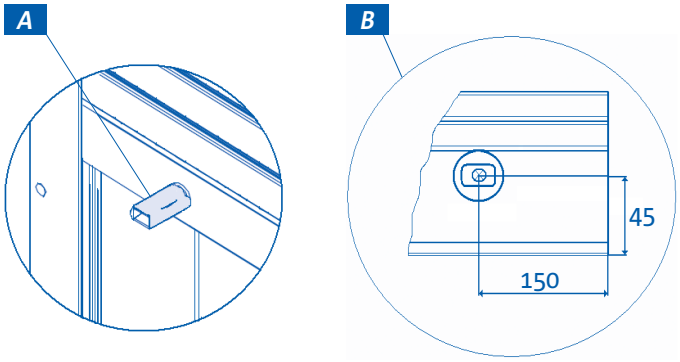
CAUTION! When installing roller shutters with an automatic bolt, do not damage the guide channel partition, as this may cause the automatic bolt pin to jam (Fig. 5).

Fig. 5



12 The roller shutter with an automatic bolt is equipped with round stoppers (Fig. 6A), which should be installed at least 150 mm from the side and at least 45 mm from the bottom edge of the end slat (Fig. 6B) on the right and left sides of the roller shutter.

Fig. 6



13 In motorised roller blinds, the installation (schematic diagram) and setting of the motor's end positions are included in the manufacturer's user manual for the motor.

ATTENTION! When installing the roller shutter box, please note that excessive pressure on the front flaps of the box during plastering may cause the curtain to rub against the outer front flap.

It is not recommended to use expanding foams during roller shutter installation, as this may cause permanent damage to the box or roller shutter components.

Built-in roller shutter installation

INSTALLATION STEP BY STEP

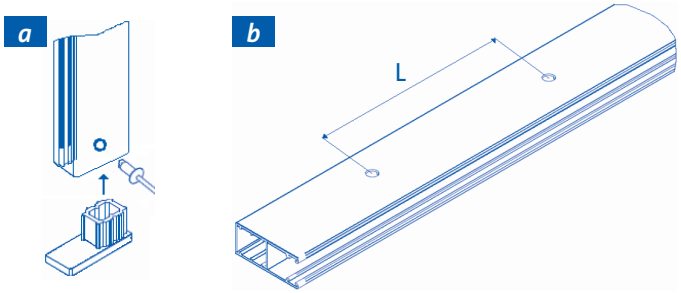
1 Remove the roller shutter curtain from the box.

2 Place the roller shutter box with the guide channels against the window recess to mark the ideal installation location (in some cases, it may be necessary to cut the guides to size – they are typically 20 mm longer than required). The box is installed in the window recess, above the window.

3 Mark the drilling locations for the screw holes on the guide channels and on the box.

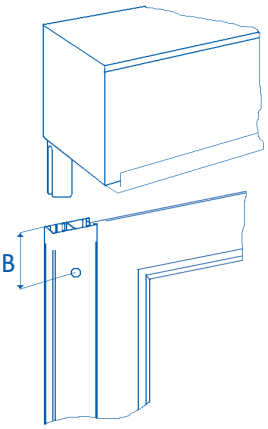
4 Set aside the box and guides, install the guide stops, rivet them (Fig. 1a) and proceed to drill the holes. The holes in the guides should be drilled at a distance of approx. L= 500 mm from each other (Fig. 1b).

Fig. 1



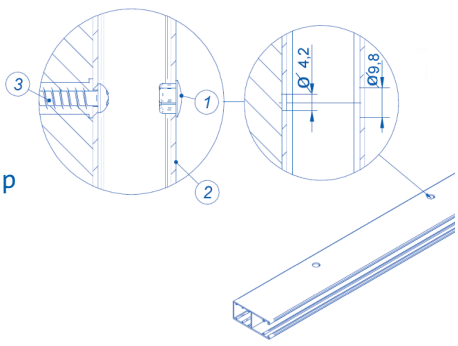
5 The upper hole must be drilled at a minimum distance of B = 90 mm from the upper edge of the guide (Fig. 2). Drill with a drill bit diameter depending on the mounting materials used (anchors, expansion bolts, etc.)

Fig. 2



It is recommended (Fig. 3):
- drill the guides with a Ø4.2 drill bit
- Drill a hole in the outer wall of the guide using a Ø 9.8 drill bit.

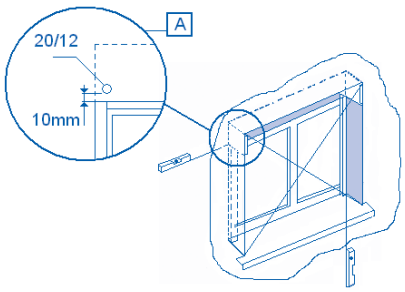
Fig. 3



1 - guide channel cap
2 - guide channel
3 - screw

6 Place the drilled guide channels and box against the wall or window frame.
Mark the locations for the holes in the wall/window frame where the guides and box will be screwed in, mark the location of the passage (string or tape) and obtain a perfect vertical and horizontal position using a spirit level (Fig. 4). Put the roller shutter aside and start drilling.

Fig. 4

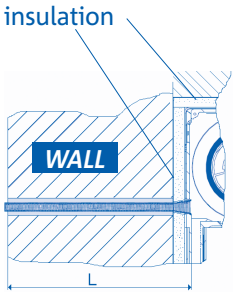


It is recommended:
- when mounting to a wall, use Ø10 expansion bolts (it is recommended not to use bolts shorter than 60 mm).
- when mounting to a window frame, use Ø5 screws (it is recommended not to use screws shorter than 40 mm).

7 Then drill a hole in the wall to allow the cord or tape to be pulled into the room (Fig. 5A).
It is recommended:
- drill a hole for the cord with a Ø 10 drill bit
- drill a hole for the tape with a Ø 20 drill bit

8 Insert a spring (for cord) or a 19 mm diameter PVC pipe (for tape) into the drilled hole. The spring should be stretched to match the width of the wall. The ends of the spring should remain unstretched for a length of approx. 50 mm. Insert the spring with the 'funnel' facing the box (Fig. 5). (L= 250, option 500 mm).

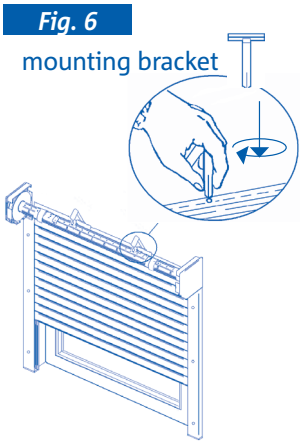
Fig. 5



It is recommended:
To apply polystyrene insulation g=4 [mm] between the wall and the box (Fig. 5).

9 After drilling all the holes (inserting dowels for screws in the case of wall mounting), pull the cord through the hole where the spring or PVC pipe has been placed. Screw the box and the guide channels into place. The end of the spring ('funnel') should protrude from the box by approx. 10 mm, and the other part should be inserted into the grommet with the ring.

Fig. 6

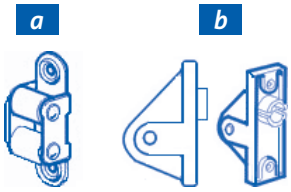


Built-in roller shutter installation

10 Install the curtain (Fig. 6) by sliding it over the shaft into the guide channels, starting with the end slat, and then attach mounting brackets.

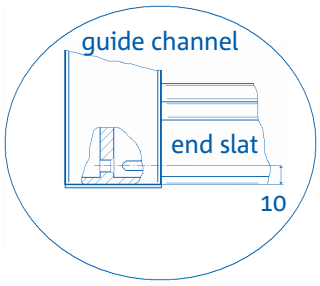
11 In the room, where the cord or tape comes out, screw a grommet with a ring (Fig. 7 d) (for cord) or a grommet with a tube, two rollers or a brush (Fig. 7 a, b, c) (for tape) to the wall or window frame. When attaching the cord guide to the wall, it is recommended to use expansion bolts from Ø 6 to Ø 8.

Fig. 7



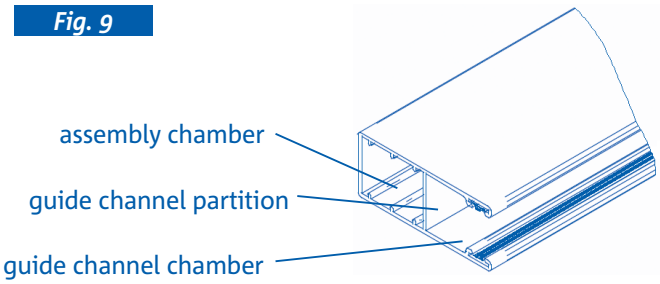
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Fig. 8



WARNING! When installing roller blinds with an automatic bolt, do not damage the guide channel partition, as this may cause the automatic bolt pin to jam (Fig. 9).

Fig. 9



13 Installing the coiler (Fig. 10). Open the coiler housing (1) and remove the entire mechanism (2). Lightly singe the end of the string, insert it through the cord guide (5), and then insert it into the hole on the drum (3), moving it sideways to tighten it. The tape is installed by making a hole in it and locking it in the drum holder. It is recommended to rivet it. Release the spring lock (4), wind the cord or tape onto the drum and install the coiler (Fig. 11).

Fig. 10

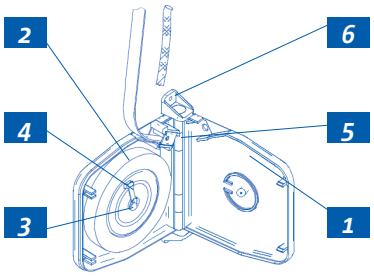
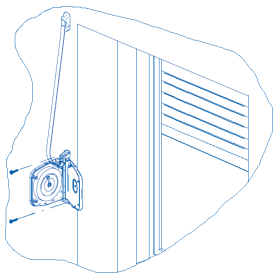
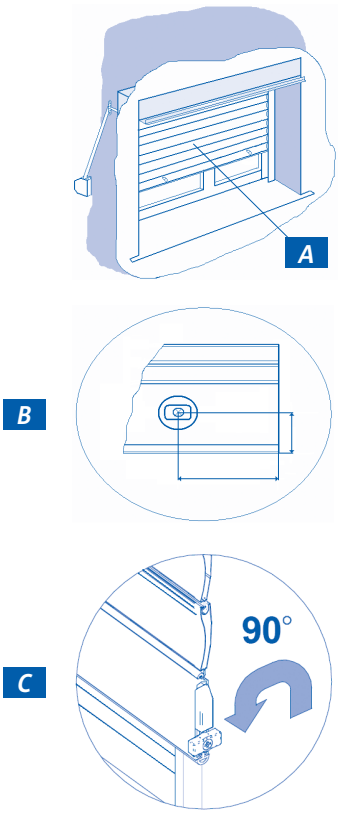


Fig. 11



14 The roller shutter with an automatic bolt is equipped with round stoppers (Fig. 12A), which should be installed at least 150 mm from the side and at least 45 mm from the bottom edge of the end slat (Fig. 12B) on the right and left sides of the roller shutter. In a roller blind equipped with a rotary stopper in the bottom slat, turn the stopper to the horizontal position (Fig. 12C).

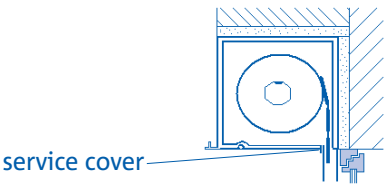
Fig. 12



15 Install screw caps.

16 Install the inspection flap. Rivet or screw it in place (Fig. 13).

Fig. 13



17 In motorised roller blinds, the installation (schematic diagram) and setting of the motor's end positions are included in the manufacturer's user manual for the motor.

The drawings provided are for illustrative purposes only.
The manufacturer reserves the right to introduce design and material changes.

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VI 2025