

Detail of the Slash mechanism assembly

#### CONTENTS OF THE SLASH ALU B PANIC BAR PACKAGE

position	pcs.	description	position	pcs.	description
1, 2	01	Slash mechanism assembly	12, 12a	01	9x9x38mm square spindle with hole to pass and M5x50mm Philips-head countersunk screw
3, 4	01	Slash ALU carter set	13	01	Pan head self-tapping screw, Ø4,8x50mm
5	01	Guide for connection pipe	14	05	Pan head self tapping screw Ø4,8x16mm
6	01	Connection pipe	15	06	Toothed washer
7	02	Protection	16	02	Black cap hole Ø8,8mm
8	01	Horizontal bar in anodized aluminium	-	01	A034 hole-drilling template
9	01	S3 hex key	-	01	Slash ALU B Proget panic bar installation instructions
10	01	Adhesive pictogram (green arrow)			
11	01	S2 hex key			


Please note that article 4 of the MD of 03 November 2004 obliges the installer to write up, sign and provide the owner of the activity with a declaration of proper installation that makes explicit reference to the instructions supplied by the exit device manufacturer.

- The panic lock (17) and the respective strike box (counterstrike) (19) are delivered already mounted on the door!




#### TOOLS REQUIRED

Medium-sized Philips-head screwdriver or electric screwdriver, electric drill with Ø3mm drill bit for steel, fine-toothed hack-saw and hack-saw for aluminium.


## IMPORTANT

- Installation should be carried out by qualified personnel only and in strict conformity with the instructions supplied.
- For a correct installation all supplied components must be used, including toothed washers.
-  - No variations are allowed, and only components indicated in the package contents may be used.
- Given its purpose, the Slash ALU B panic bar should be mounted on the push-side of the door.
- Before proceeding with installation, check the package contents to ensure that no pieces are missing.
- Check if the door is equipped with the panic safe lock.
- Any different installation configuration from that illustrated on pag. 2/4 is not allowed.

## INSTALLATION



-  - Insert the M5x50mm screw (12a) into the countersunk hole of the square spindle (12) and fasten it at the threaded insert (17a) of the panic safe lock (17) by tightening well the screw.
- Use the template to drill the holes (20) with the Ø3mm drill bit, checking the level. If holes are already present, drill them again for the internal reinforcement.
- Insert the operating mechanism (1), with the lift of the cam (1a) turned downwards, over the square spindle (12). Fasten the mechanism starting with the two Ø4,8x16mm screws (14), then with the Ø4,8x50mm screw (13) and their their toothed washers (15).
- Fix the square spindle (12) at the operating mechanism (1), using the S2 hex wrench (11).
- Fasten the mechanism (2) of the panic bar at hinged side, using the self-tapping screws Ø4,8x16mm (14) and their toothed washers (15).
- Make a precise "L" measurement, cut the aluminium bar (8), and remove the burrs from the cut edge. Insert the guide (5) for the connection pipe in the center of the bar.
- Take out the mechanism (2) in order to insert the horizontal bar (8) in the operating mechanism (1); then insert also the connection pipe (6) until it passes through the block (6a).
- Insert the carters in aluminium in the horizontal bar, first the one with the sticker (3), then the other one without (4). Join the bar with the hinged side mechanism (2) inserting also the connection pipe (6) before re-fastening the mechanism at the door.
- Fasten provisionally the connection pipe (6) so that it not protrudes from the block, by screwing the two socket set screws (6c) of the hinged side mechanism (2) with the S3 hex key (9).
- Maintaining pulled the horizontal bar (8) block the connection pipe (6) by screwing lightly the two socket set screws (6b) of the mechanism at lock side (1). Then verify that the latch bolt retracts completely by pushing the end of the bar from hinged side. If so screw the four socket set screws (6b and 6c) until they not protrude from the block. Otherwise loosen the socket set screws and repeat the operation, making sure that the connection pipe is kept under tension. Lastly cut off the protruding piece of the connection pipe.
- Insert the protections (7) in the designated guides of both mechanisms.
- Apply the carters (3 and 4) on the relative mechanisms while ensuring that the protections (7) remain in their position. Clip on the carters by pushing softly the horizontal bar; first the narrow side, then the wide side. Finally fix the carters fastening their socket set screw without forcing, using the S2 hex key (11).
- Insert the two caps (16) in the open holes of the panic safe lock (17).
-  - Push the Slash ALU B panic bar at any point along the horizontal bar, checking to ensure that the latch bolt opens easily und fully. Test the door in opened and closed position and if necessary file down the plastic strike box (19) of one-leaved doors or the panic safe lock for inactive leaf of two-leaved doors.
- Apply the pictogram (10) with the green arrow on the internal surface of the door, just above the horizontal bar.
-  - Lastly, use a dynamometer to measure the force required on the horizontal bar to release the lock. Record this force measurement in the present document.



## USE

- Ensure that the door always opens easily.
- Avoid unnecessary strains on or handling of the exit bar.
- Protect the panic bar from external atmospheric agents.
- Avoid anything that could hamper the free movement of the bar.
- Do not paint the lock.
- Use the bar properly, do not pull it in the wrong direction.
-  - Make sure that any damaged or malfunctioning parts are replaced immediately.

## MAINTENANCE

To ensure that door usage conforms with regulations, the following maintenance checks should be carried out at least once a month:

- Confirm that all of the installed components correspond with those listed in the present instructions and that no other latching devices than those originally installed have been added to the door.
- Inspect and activate the panic bar to verify that all of its components are in satisfactory operational condition.
- Use a dynamometer to confirm that the release force shows no significant differences from the forces recorded at the time of installation.
-  - Check whether all screws are fully tightened, tightening any that may have loosened.
- Check whether exit bar can be moved with minimal effort, and that the latch bolt retreats from the strike box without offering resistance. If the door has become difficult to open due to friction, the resistance can be reduced by filing the strike box down to the appropriate height.
- Activate the Slash ALU B panic bar at both ends of the horizontal bar, checking to ensure full retraction of the latch bolt in both cases.
- Ensure that the latch bolt exits completely when the horizontal bar is released.
- Check the horizontal bar and replace it if any damage or deformities are detected.
-  - Check whether the inserts and strike boxes are blocked in any way and eliminate any obstructions.
- This product requires no special maintenance. Grease spray should be used to lubricate the internal workings of the lock and panic bar on a regular basis - the latter has a hole on its carter for this purpose.
- For normal clearing use cleaners designated for chromate surfaces.

-  - Any adjustments that become necessary must be carried out by qualified personnel using original NINZ replacement parts.
-  - The owner of the activity is responsible for keeping the declaration of correct installation on file, conducting proper exit bar maintenance in accordance with all of the manufacturer's maintenance guidelines, keeping maintenance and check-up records and preserving the present document.

