INSTALLATION, USE AND MAINTENANCE HANDBOOK FOR MULTIPURPOSE. RE 90. REI 60, REI 120, DOUBLE LEAF REVERSIBLE AND NON-REVERSIBLE UNIVER DOORS

If not required specifically, the reversible UNIVER DOUBLE LEAF door will be standard delivered with opening "PULL RIGHT".

To change the opening pull from RIGHT to LEFT. follow the instructions on page 3.

For door with ENVIRONMENTAL CHARACTERISTICS see also the enclosed complementary installation instructions.



In case of multipurpose SECUR door, temporarily remove the two plastic inserts (3a) from transoms of doorframe. Join together the two transoms and the other hinge doorframe with the fixing flaps. Bend the flaps on the four corners to block the frame.



Unpack the materials, in case of fire-rated doors remove from the back of the doorframe the thermo expanding gasket FC that will be used for the operation in pos. 9. Verify the correspondence of the door's measures with the wall opening and the opening pull. The fire-rated reversible door will be even delivered from the factory with opening pull DX (right), to change the opening pull in SX (left) see the attached instruction.



To make easier the following operation, release the prefixed screws (4a) of the angle bars (4b) placed at the top and bottom of the central joint. Fix the two transoms to the secondary leaf and screw them with the screws (4d) in equipment with the handle box. Fix very well all screws.



Fasten temporarily the door in the wall opening, respecting the plumb-line, the FFL level and the parallelism to the wall.

Opening pull left (SX sec. Spring hinge Opening pull right (DX)

BZ050REI060P028E1

BZ050REI120P030F1

Homologation no.



168-GB

5001505/2

Fix the hinge frame on the secondary leaf putting in the pin for the spring hinge (X) and screwing on the blocking screw of the ball bearing hinge(Y). Perform the operation very carefully. Insert on the top and bottom the two spacers (Z) in equipment.

NINZ S.p.A.

I-38061 ALA (TN) / ITALY

corso Trento, 2/A



Once established the finished floor level (FFL) and decided that the door will be leaned without bottom frame, cut the jutting out fin of the lower transom so to lav the profile correctly on the finished floor level.



Install the principal door leaf and check that the two leafs are positioned at the same height (see point 2). Fasten temporarily the door in the wall opening, respecting the plumb-line, the FFL level and the parallelism to the wall. Fix the wall anchors with quick set cement. When the cement will be solid, remove the angle bars (part. 4b - draw. 4), to set free the inactive leaf. It is imperative to re-tighten both screws (4a) at top and bottom of inactive leaf.



INSTALLATION, USE AND MAINTENANCE HANDBOOK FOR MULTIPURPOSE, RE 90, REI 60, REI 120, DOUBLE LEAF REVERSIBLE AND NON-REVERSIBLE UNIVER DOORS

moving the floor catch and fix it to the floor with screws and plugs.

BZ050REI060P028E Homologation no. BZ050REI120P030F1

168-GB NINZ S.p.A.

corso Trento, 2/A

must be anyhow slightly loaded); EXUS, TWIST or SLASH panic bar.



INSTALLATION INSTRUCTION TO CHANGE THE OPENING PULL OF A UNIVER DOUBLE LEAF DOOR FROM DX (RIGHT) TO SX (LEFT)

```
168-GB

168-GB

1-38061 ALA (TN) / ITALY

13/5
```



INSTALLATION, USE AND MAINTENANCE HANDBOOK FOR MULTIPURPOSE, RE 90, REI 60, REI 120, DOUBLE LEAF REVERSIBLE AND NON-REVERSIBLE UNIVER DOORS



GENERAL NOTES STANDARD: the assemble instructions have to be followed in every detail to respect the test conditions and ass the perfect functioning of the door, including the self-closing of fire-rated doors. Furthermore a regular service necessary. Multipurpose doors are not endowed with thermoexpanding gaskets and closing regulators. LIABILITY: it is duty of the installer to follow the installation instructions in any detail, specifically point 2, 7a, 7b and reported at pages 1 and 2, in order to guarantee the safety of the end-users. MASONRY WORKS: it is the customer's responsibility to keep the wall integral particularly in the anchor points of door, to fill the space between doorframe and wall with mortar as indicated in box 8 on page 2 (detail A) of the pres- instructions and to execute the masonry works in accordance to standard UNI 9723.1990/A1. All this is particul- valid for fire-rated doors. FINISHING: the serial door is finished with an epoxy-polyester powder paint oven-baked at 180 °C. The surface orange-skin and particularly resistant. In case an additional paint is desired we advise to follow these instructions: - make smooth the surfaces with sandpaper and dust them; - apply a base coat of semi-gloss acrylic (suggested product: ACRILFIN SL series 567 + 20% by weight aliph hardener series E872003 - made by ELCROM, Italy); - finish the surfaces with enamels or paints to your choice. CLEANING: the doors are supplied from the factory clean and packed. We suggest to use a clothe and soaped we only. Do not scratch the surfaces. WARRANTY: the manufacturer gives warranty as per Italian law (C.C.1495). Any claim for missing or damaged go have to be recorded by inserting a written remark in the delivery notes and must be notified the maximum within ei days from the date of materials receipt. CURRENT C MARKED ACCESSORIES FOR FIRE-RATED DOORS: Std015 lock: MARCANTY: the manufacturer gives warranty as per Italian law (C.C.1495). Any claim for missing or damaged go have to be recorde	 and that they close regularly. The scheduled maintenance shall guarantee that the leaf swings correctly and that the self closing mechanism works properly. The doors shall be kept free from any obstructions. Doors must be kept free from obstructions. Any 5.000 opening cycles but at least every 6 months the following operations shall be carried out: lubricating the ball-bearing hinges; lubricating the spring hinges and the springs after removing the tension pins. wind up the springs inserting the tension pins. Verify that the closing force is sufficient to shut the door if opened to 30±2°; lubricating the lock and the latch. verify the functionality of the secondary leaf's rods and lubricate its guide rail; clean the hole of the floor catch set; lubricate the lock and the self-locking device (top); verify the regular functionality of the closing regulator. Verify the regular functionality of the doors accessories (handle, panic bar, overhead doorcloser etc.). Their mobile parts shall be lubricated too. In case of irregular functioning of the door or its accessories contact an authorized installer or replace the damaged accessories.
---	---

HANDLING AND STORAGE - COMPLAINTS

HANDLING: in case of handling with webbing slings/ropes, place them under the feet of the pallet; avoid to place them under the boards; avoid that the action of slings/ropes produces too much pressure upon the doors, by means of spacers interposed in the upper part. Do not handle the leaves using suction caps. STORAGE: it is duty of the company/person taking over the doors to store them in a suitable place so that they will be protected from the natural agents and from the direct sun rays. If during transportation or truck unloading it rains or snows on the doors it is necessary to remove immediately the nylon film from each leaf and doorframe put them in vertical position to dry appropriately. COMPLAINTS: in case of external visible defects on doors, they have to be marked in the copy of the transportation document to be returned to the forwarder and notified to the manufacturer by registered mail within 48 hours. We remember that according to our general conditions intrinsic defects have to be notified to the manufacturer within 8 days from the delivery date by registered mail. Goods with defects never have be utilized or assembled, they should be stored at disposal for controls by the manufacturer appointed person.



4/5

I68-GB

COMPLEMENTARY INSTALLATION INSTRUCTIONS FOR UNIVER DOORS WITH ADDITIONAL CHARACTERISTICS



EXTERNAL PEDESTRIAN DOORS CE MARKED against EN 14351-1:2006 + A2:2016 Certificate CE 0425-CPR-002237

MULTIPURPOSE: - Co

- Combo CE Est

ATTENTION: If the door has not been ordered with painting suitable for exterior use (UV protection), it is the customer's responsibility to provide an appropriate finishing following the instructions for repainting NINZ doors (see NINZ General brochure).

In any case make sure to protect the door from direct contact with atmospheric agents. To protect the door from rain infiltrating the door leaf from above, install a canopy above the door.

For all warehousing, handling, installation, usage and maintenance related operations please follow the INSTALLATION INSTRUCTIONS and the present COMPLEMENTARY INSTALLATION INSTRUCTIONS carefully.

