

INSTALLATION, USE AND MAINTENANCE HANDBOOK FOR REI 30 PROGET FIRE-RATED DOORS APPLICATION WITH CONCEALED FRAME

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1

Unpack the doorframe and verify the correspondence between the wall opening and the dimension printed on the sticker applied on the frame. Establish the Finished Floor Level (FFL).

2

Verify the opening direction of the door.

9

Screw on the two socketed set screw. Perform this operation very carefully.

10

Close the door leaf and verify the squareness of the whole door. Block definitively the doorframe with clamps, respecting the FFL and the plumb-line.

3

Set together the doorframe profiles with the joints square; unfasten the screws present in the joints, so that they enter into holes of frame, until the connection get rigid.

4

Unfasten the screws at the bottom part of the two jambs and fix them again, inserting the jamb spacer, without removing the self expanding gasket.

11

Open the door leaf, drill the holes in the concealed frame and in the wall. Fasten the doorframe with the supplied screws.

12

Cut the rebate sealing and insert it in the frame channel.

5

Insert the doorframe in the wall opening, respecting the FFL and block it temporarily with clamps.

6

Unpack door leaf without removing spacers and wedges of PA. Place it in the doorframe inserting pivot with spring in upper hinge on left doors and in lower on right doors.

13

Remove the spacers between doorframe and leaf and assemble the handle. Remove the jamb spacer. Remove the sticker from the doorframe by means of hot hair, or clean any remains using the product "Ecosolvente A/955" by "Recoll".

14

To raise the door leaf: unscrew the upper socketed set screw, screw on the lower one, screw on the upper one again.
To lower the door leaf: unscrew the lower socketed set screw, screw on the upper one. Operation to be carried out with the maximal care, with the aid of a lever.

7

Unscrew the two socketed set screws of the bearing hinge.

8

Press together by hand the ball-cases.

15

Wind up the spring hinge in the opening direction, inserting the tension pin. Even if self closing is not needed or door closer is installed, wind up the spring hinge anyway, blocking it with the tension pin.

Accessories: rebate sealing - overhead door closer (the spring hinge must be anyhow slightly loaded) - EXUS, TWIST or SLASH panic bar.

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GENERAL NOTES

STANDARD: the assemble instructions have to be followed in every detail to respect the test conditions and assure the perfect functioning of the door, including the self-closing. Furthermore a regular service is necessary.

LIABILITY: it is duty of the installer to follow the installation instructions in any detail, specifically point 9, 14 and 15 in order to guarantee the safety of the end-users.

PARTITION: it's the customer's responsibility to execute the brickworks in according to the norm UNI 9723:1990/A1, to wall up the subframe with grout as indicated in box 5 of the present instructions and to keep the wall integral particularly in the anchor points of the door with the subframe and the masonry itself.

FINISHING: the serial door is finished with an epoxy-polyester powder paint oven-baked at 180 °C. The surface is 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;
- give a first hand of opaque 2 components epoxide using the product ALCEA EPOX 5203 / 0059 (beige);
- 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 water only. Do not scratch the surfaces.

WARRANTY: the manufacturer gives warranty as per Italian law (C.C.1495). Any claim for missing or damaged goods have to be recorded by inserting a written remark in the delivery notes and must be notified the maximum within eight days from the date of materials receipt.

CURRENT CE MARKED ACCESSORIES FOR FIRE-RATED DOORS:

Std015 lock: **CE** 0497/CPD/4265/11 - EN 12209:2003/AC - 3 M 3 1 0 C 2 H A 2 0
Hinges: **CE** 0789-CPD-2005 - EN 1935:2004 - 4 7 7 1 1 4 0 1 4

USE AND MAINTENANCE INSTRUCTIONS FOR PROGET DOORS

All fire-rated doors or located in escape routes, need regular maintenance in order to verify that no damage occurred and that they close regularly. The scheduled maintenance shall guarantee that the leaf swings correctly and that the self closing mechanism works properly. 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 hinge;
- lubricating the spring hinge and the spring after removing the tension pin.
- wind up the spring inserting the tension pin. Verify that the closing force is sufficient to shut the door if opened to 30±2°;
- lubricating the lock and the latch.

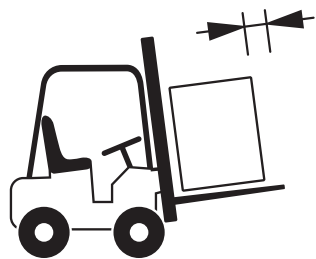
Verify the regular functionality of the doors accessories (handle, panic bar, overhead door closer etc.). Their mobile parts shall be lubricated too, following the dedicated instructions.

In case of irregular functioning of the door or its accessories contact an authorized installer or replace the damaged accessories.

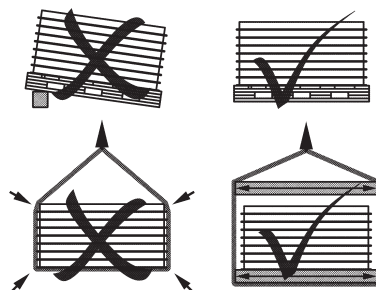
N.B.: for lubrication use viscous products.

HANDLING AND STORAGE - COMPLAINTS

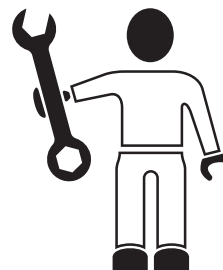
Handling: in case of handling with webbing slings/ropes, place them under the feet of the pallet; avoid to place them under the boards; avoid that the action of slings/ropes produces too much pressure upon the doors, by means of spacers interposed in the upper part. Do not handle the leaves using suction 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.



Move the materials with appropriate means.



Store and handle the materials with care.



Assemble by qualified staff only.



Do not expose the materials to the natural agents.