

# INSTALLATION MANUAL OF DOORS TYPE DFM OS 60 - 2 with fire resistant range $EI_260$ , $EI_145$ , EW 60, E60 OR DFM OS 00 - 2 with non-resistant range v. 3.5 EN CE. 2020

Our business model shall guarantee:

FACILITY - comfortable and customised solutions aimed at Customers' needs

TRANSPARENCY- clear business relations

BUSINESS EXPERTISE - a team of passionate professionals with "out of box" attitude





#### IDENTIFICATION, HANDOVER AND NOMENCLATURE

During installation, usage and repair works prescriptions of safety on site must be observed, specifically those referring to particular regulations for construction and joinery works.

Installation must be carried out by qualified installers, trained for installation of fire doors. Parts and components of doors shall not be modified or replaced.





e.g: DFM DS 60 - 2: OS = oversize steel door, 60 = El<sub>2</sub>60, 2 = double leaf door

DFM DS 00 - 2: OS = oversize steel door, 00 = non resistant, 2 = double leaf door

During handover of goods from transport company check packaging and quantity of doors and cartons. In case of any claim a note CMR must be made and photos taken and sent to: dfm@dfm-europe.eu

ORDER

PROJECT NAME: "SOHO

X.199808"

PROJECT DOOR NUMBER:

.74"

**PACKING LIST** 

PROJECT NAME: "SOHO

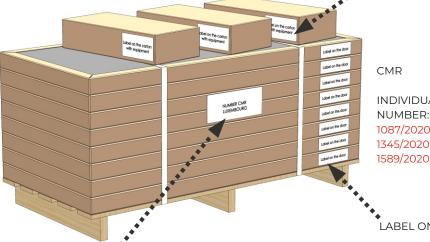
X.199808"

PROJECT DOOR NUMBER: "174" INDIVIDUAL PRODUCTION DOOR NUMBER: 1087/2020/026

LABEL ON THE CARTON WITH **EQUIPMENT** 

PROJECT NAME: "SOHO X.199808" INDIVIDUAL PRODUCTION DOOR NUMBER:1087/2020/026

QUANTITY AND NUMBER OF CARTON:



CMR

INDIVIDUAL PRODUCTION DOOR

NUMBER: 1087/2020 1345/2020

LABEL ON THE DOOR LEAF

PROJECT NAME: "SOHO X.199808" PROJECT DOOR NUMBER: "74" INDIVIDUAL PRODUCTION DOOR

NUMBER: 1087/2020/026

ADDITIONAL INFORMATION ON PALLET SIDE:

NUMBER OF CMR: "573"

**DELIVERY ADRES: "LUXEMBOURG"** 

Example of labels on the door and box with equipment:

DFM DS-30-1-OB. Nr zlecenia / Production Nr. 01087/2020/026

1000 x 2130



8019 satyna

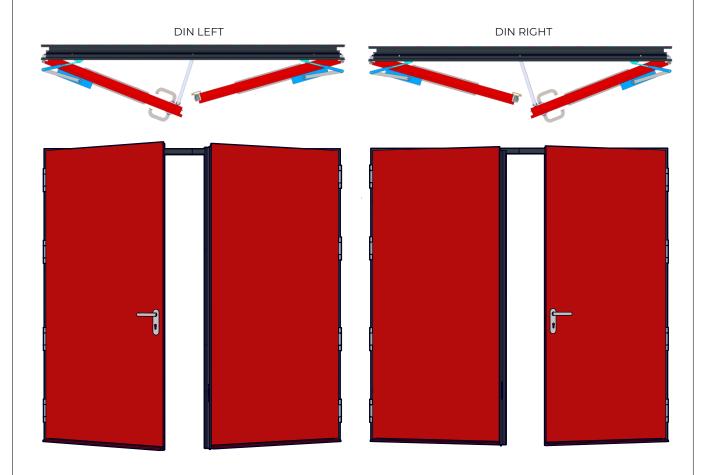
Oznaczenie projektowe / Project Name

74 Project : SOHO X.199808

Data Produkcji / Prod Date : 2020-07-16 DFM DS 01087-EU-2020 PACZKI / EQUIPMENT Oznaczenie projektowe / Project Name 74 Project : SOHO X.199808

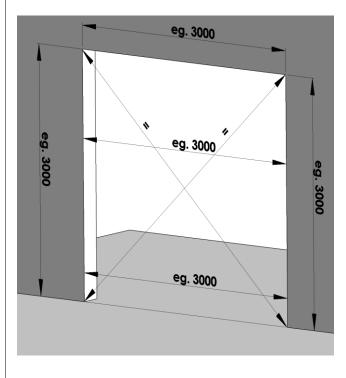
Data Produkcji / Prod Date : 2020-07-16

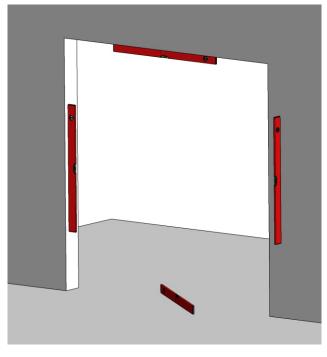




CHECK THE WALL OPENING. IS THERE FINAL LEVEL OF FLOOR?  $\,$   $\,$   $\,$   $\,$   $\,$ 









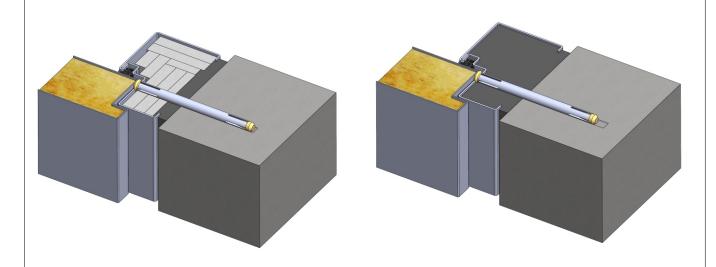
## INSTALLATION METHODS - MAKE SURE THAT PROPER INSTALLATION MATERIAL IS APPLIED

## 3.1 INSTALLATION METHOD FOR DFM OS 60 - 2

Steel doors DFM OS 60-2 should be fixed to standard rigid supporting construction made of aerated concrete blocks, with a thickness of not less than 250 mm and a density not less than 613 kg/m³.

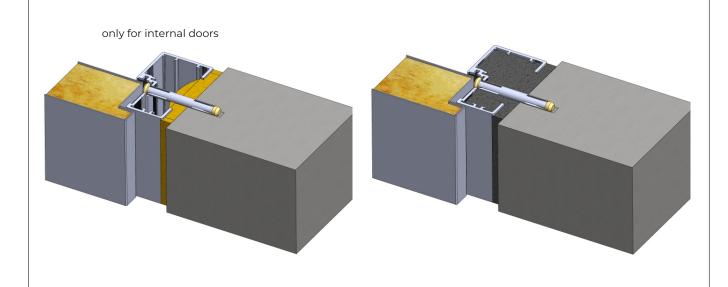
Door frame should be filled in with gypsum plasterboards type A 12,5mm and 15mm. Alternatively, infill of door frame can be replaced by cement mortar or cement-lime mortar.

Gap between door frame and wall should be tightly filled with mortar, type PERLFIX (Knauf). The door frame DFM OS 60-2 must be fixed to the wall with steel anchors of at least  $\emptyset$  10 x 1 $\overline{3}$ 2 mm.



#### 32 INSTALLATION METHOD FOR DFM OS 00 - 2

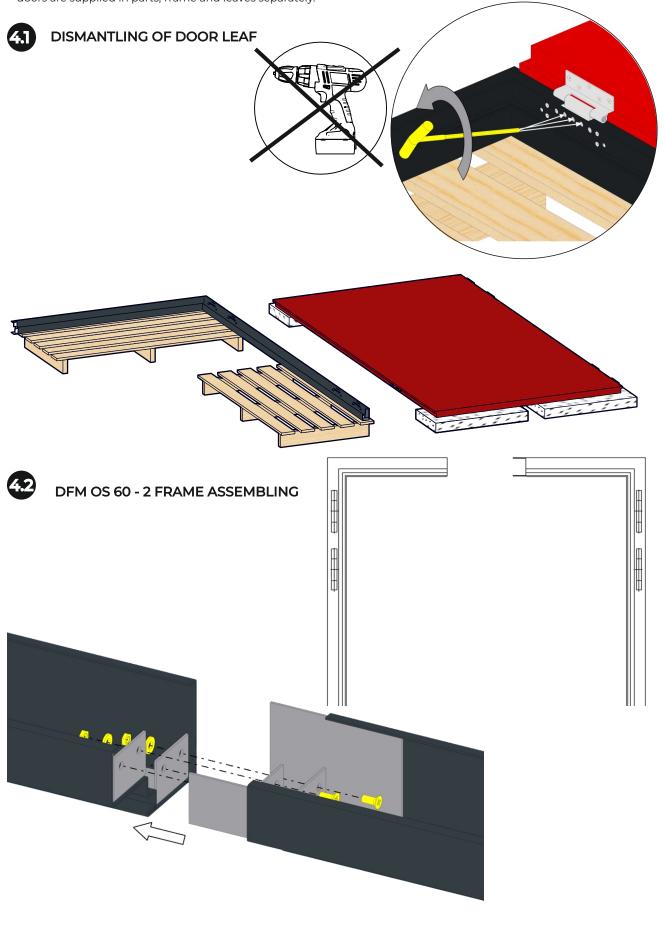
Steel doors DFM OS 00-2 should be fixed to standard rigid supporting construction. Filling of gap between wall and door frame: cement mortar, lime cement or plaster mortar, glue for plaster Perlix T or polyurethane foam. The door frame DFM OS 00-2 must be fixed to the wall with steel anchors of at least  $\emptyset$  10 x 132 mm.



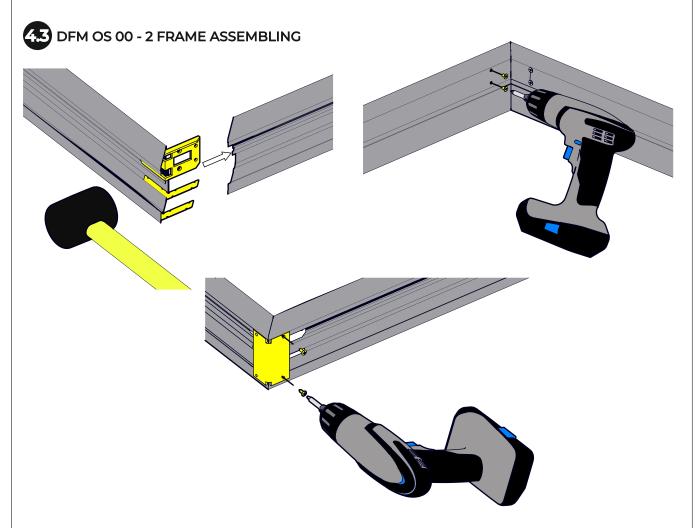


#### PRELIMINARY ACTIVITIES

Since the weight of the leaves for oversize doors type DFM OS 60 - 2 and DFM OS 00 - 2 is significant, double-leaf doors are supplied in parts, frame and leaves separately.



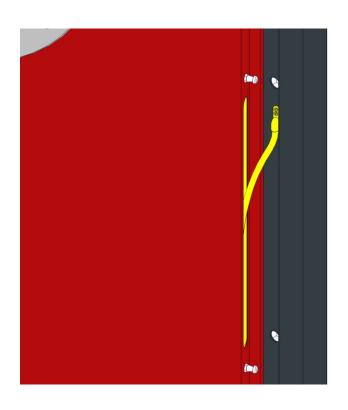






IF ACCESS CONTROL IS PIANNED, CHECK WHETHER THE CABLE HAS BEEN DISTRIBUTED AT AN APPROPRIATE PLACE.

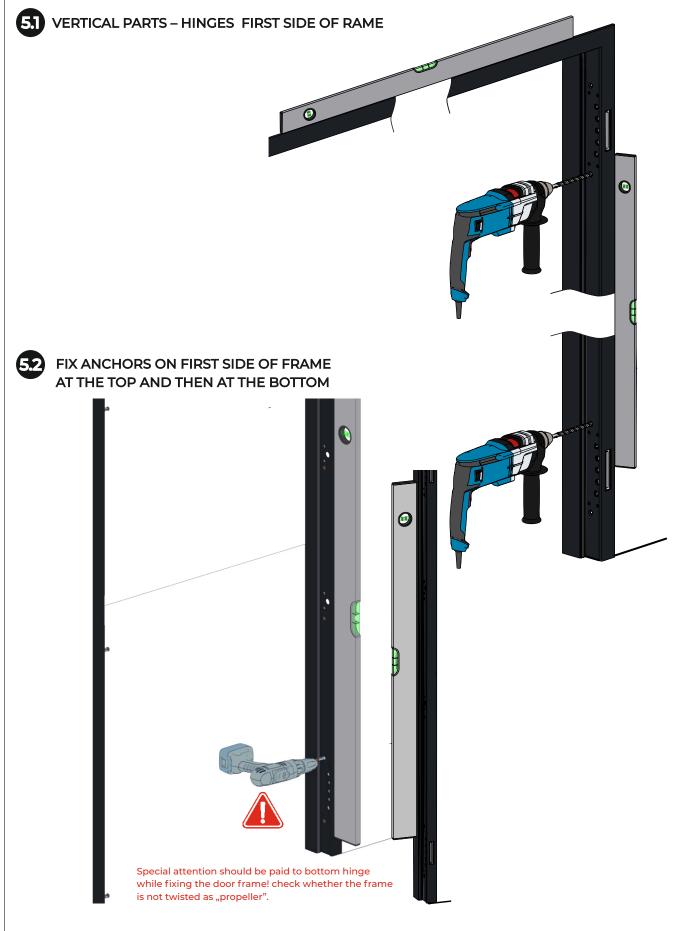






### **5** FIXING OF THE DOOR FRAME

THE QUANTITY OF ANCHORS DEPENDS ON NUMBER OF FRAME PREPARED HOLES. SCREW OPENINGS ARE PREPARED IN ACCORDANCE WITH RELEVANT CERTIFICATES. .





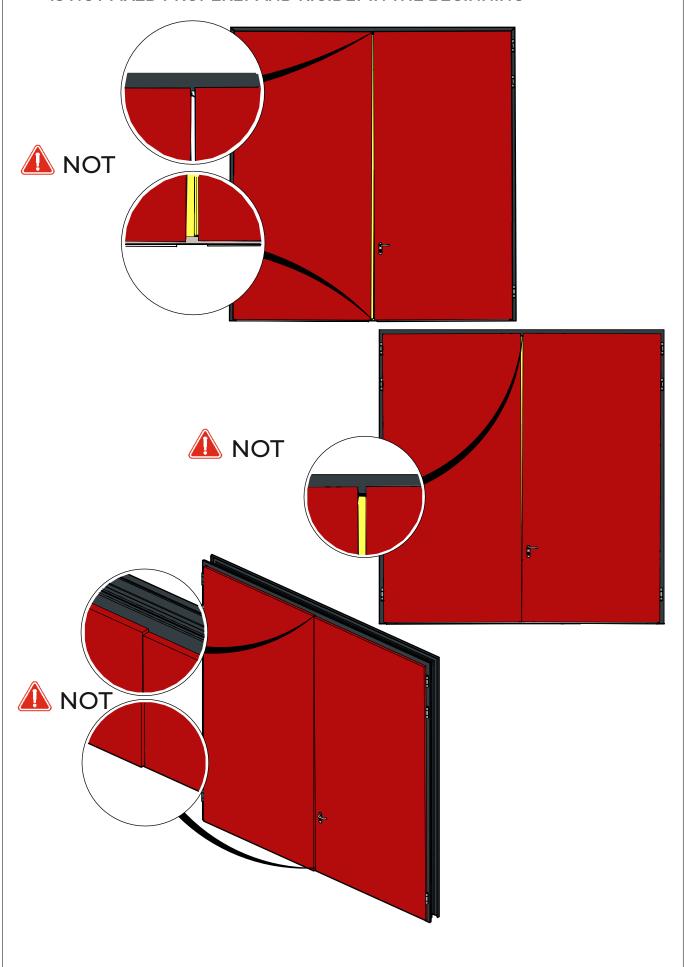
VERTICAL PARTS – HINGES SECOND SIDE. DRILL AND TIGHT ANCHORS AT TOP AND BOTTOM



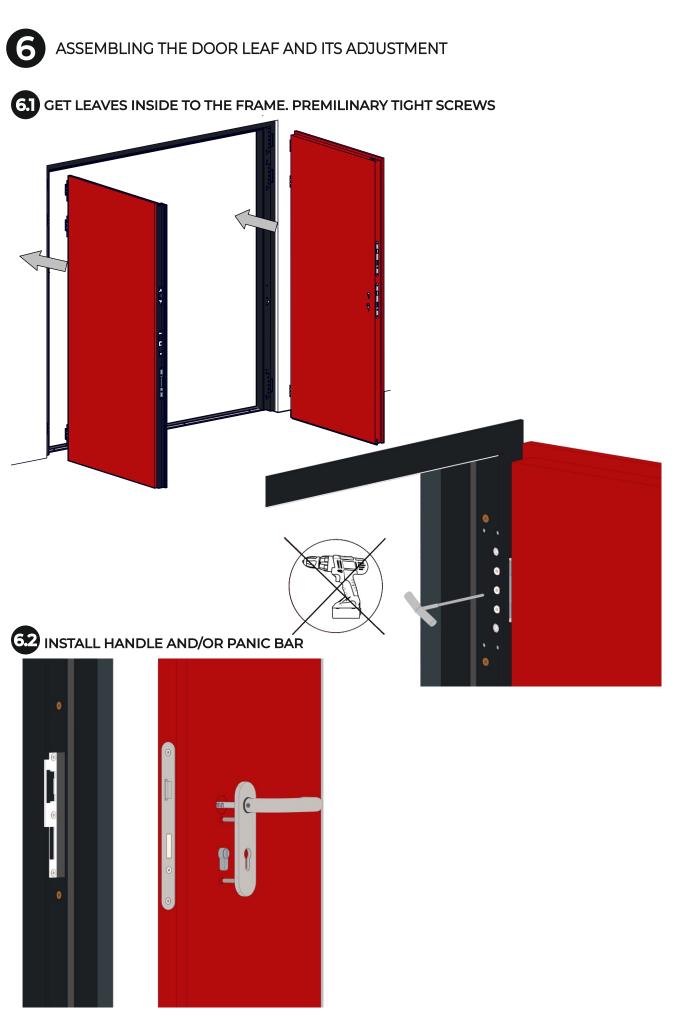
- DRILL THE REMAINING HOLES FOR THE ANCHOR IN THE WALL THROUGH THE HOLES PREPARED IN THE BOX. SUPPLEMENT WITH ANCHORS.
- TIGHTENING ANCHORS WHILE CHECKING THE ALIGNMENT OF VERTICAL PARTS
  OF FRAME, VERTICAL AND HORIZONTAL LEVEL. AT THE SAME TIME CHECK WHETHER
  THE FRAME IS NOT TWISTED AS "PROPELLER".



SEE RESULTS OF INCORRECT INSTALLATION IF THE DOOR FRAME IS NOT FIXED PROPERLY AND RIGIDLY IN THE BEGINNING

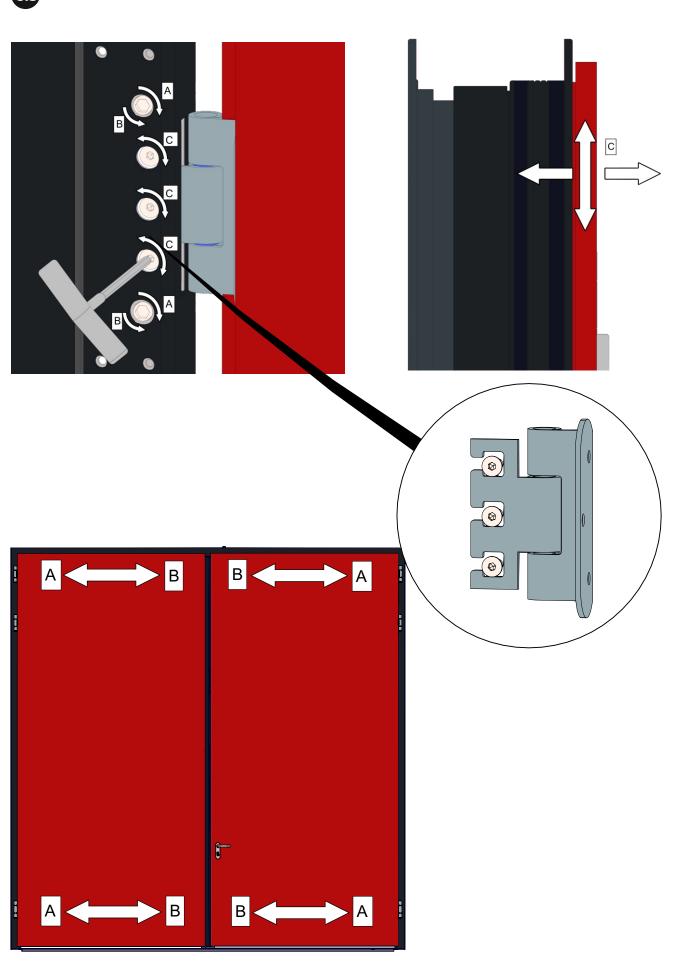






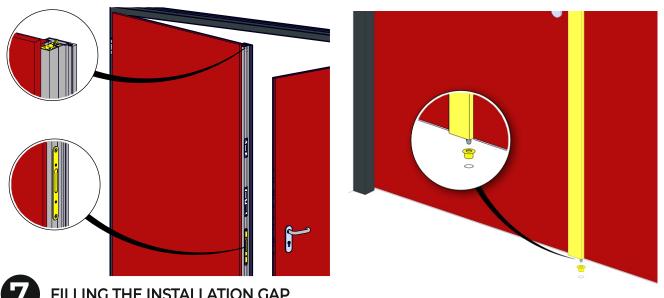




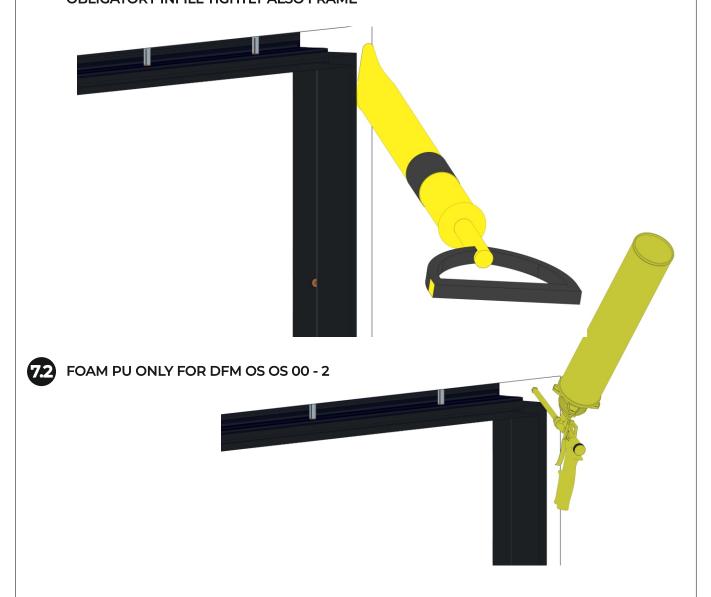




IN ORDER TO AVOID BENDING / BREAKING OF THE PASSIVE LEAF, FLOOR SLEEVE FOR FLUSH BOLT SHOULD BE INSTALLED (GLUED) IMMEDIATELY AFTER ADJUSTING THE POSITION OF THE LEAF.



- FILLING THE INSTALLATION GAP
- MORTAR. FOR DFM 60 2 IF THERE IS NO GYPSUM PLASTER BOARD INSIDE FRAME **OBLIGATORY INFILL TIGHTLY ALSO FRAME**





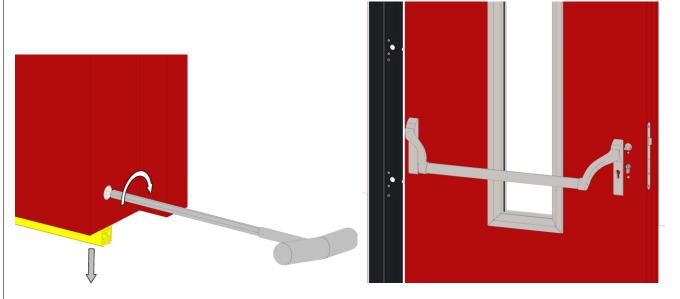
GLUEING FIRE RESISTANT INTUMESCENT GASKET ON PERIMETR
OF FRAME DFM OS 60 - 2 AND ON THE EDGE OF ASTRAGAL.
FOR DFM 00 - 2 EPDM GASKET ONLY ON THE FRAME IN AIM TO HIDE
ANCHORS



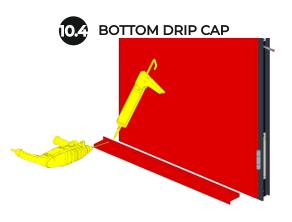










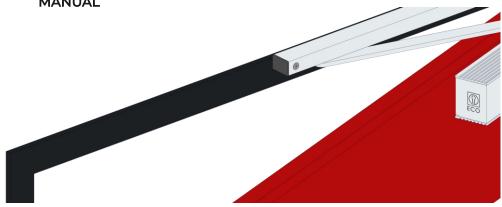














# THE FILM SHOULD BE REMOVED FROM THE LEAF IMMEDIATELY AFTER INSTALLATION WARRANTY AND HANDLING

Standard warranty term is 12 months counted from day of delivery agreed upon in Order Confirmation. Warranty for additional equipment, such as door closers, panic bars, electric strike plates and the like may be granted based on separate documents provided by the Producers of this equipment.

#### Please remember:

- -to stock the doors flat in a horizonal position and protect them against rain, sun and mechanical damages;
- -to remove protection foil from the door's surface immediately after installation;
- -to install the doors acc. to the proper certificate;
- -that DFM EUROPE is not responsible for errors and claims caused from incorrect installation;
- -to keep DFM warranty maintain the doors and fittings min. each six months;
- -each fault must be repaired immediately;
- -do not clean doors and equipment with agrresive fluids, it could cause corrosion even on stainless steel elements;

The guarantee of DFM Europe Sp. z o.o is defined in General Conditions of Sale published on dfm-europe.eu, or in Order Confirmation.