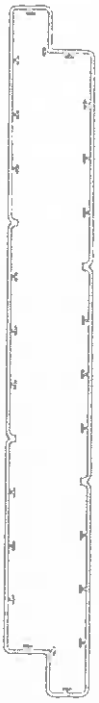
FIRE-PROOF DOORS



Installation manual **PL60**

Sliding door

Inside installation

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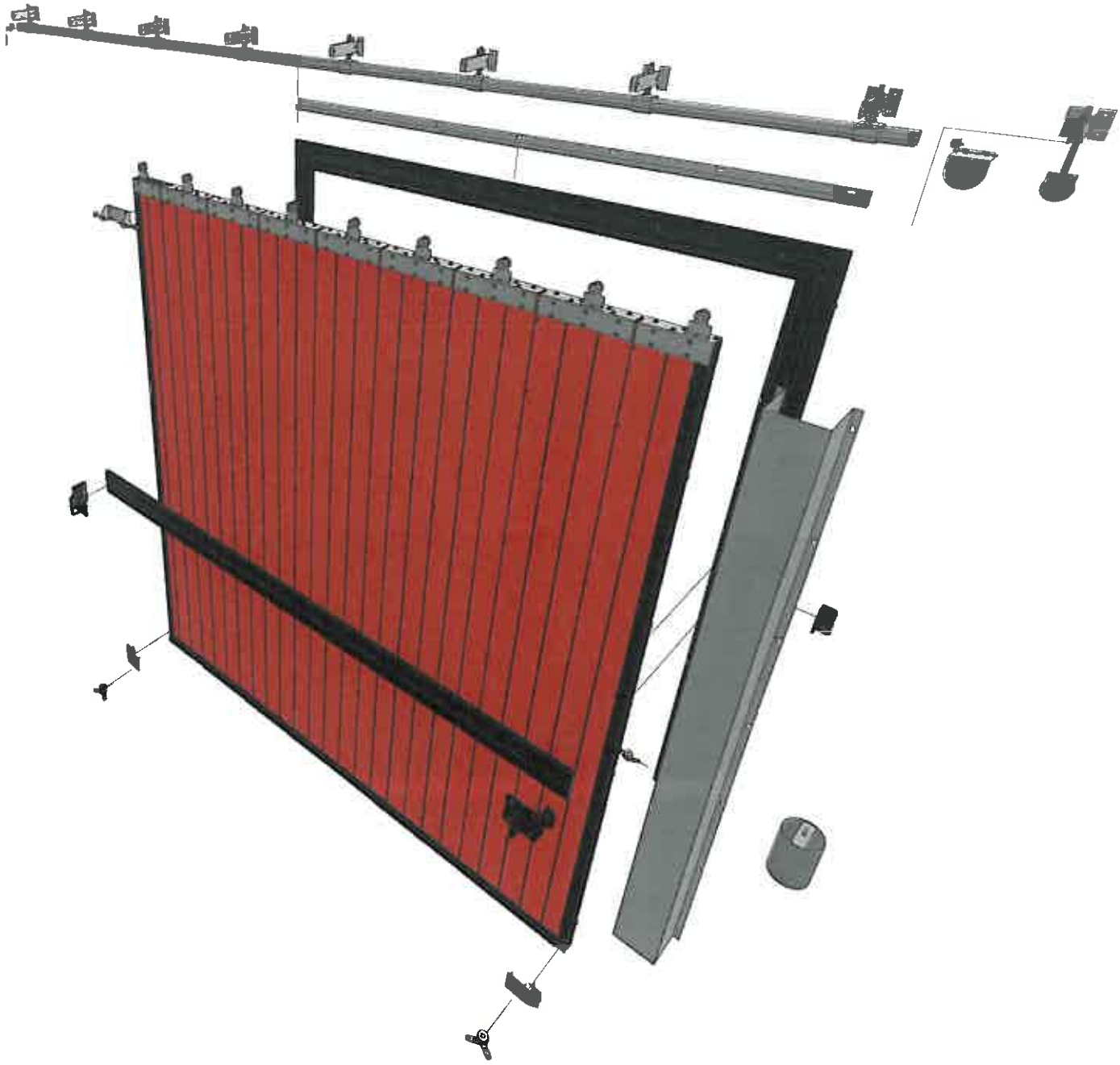
FIRE PREVENTION PRODUCTS

Table of contents

Sliding door
PL60

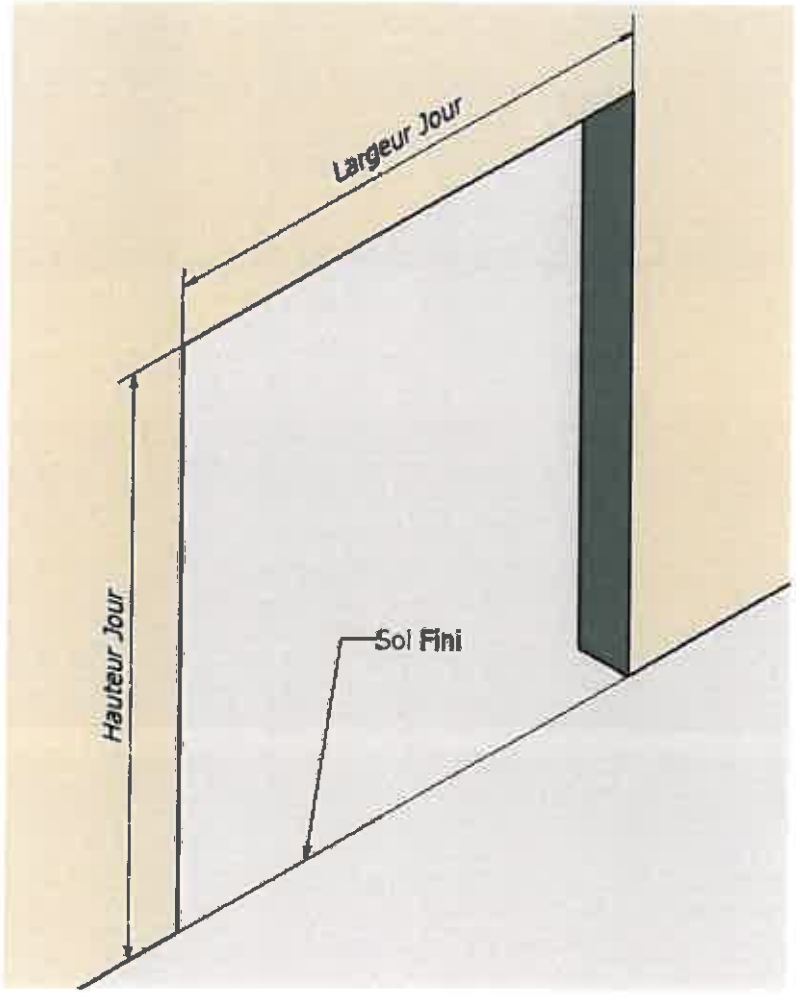


1°

MEASUREMENTS

The day height and width must be measured as shown in the drawing below (diagram 1)
The floor tolerance is +/- 4mm. This is designed to retain the fire break properties.

→ Before you start fitting, it is important to check the measurements of the worksite against the measurements as ordered.

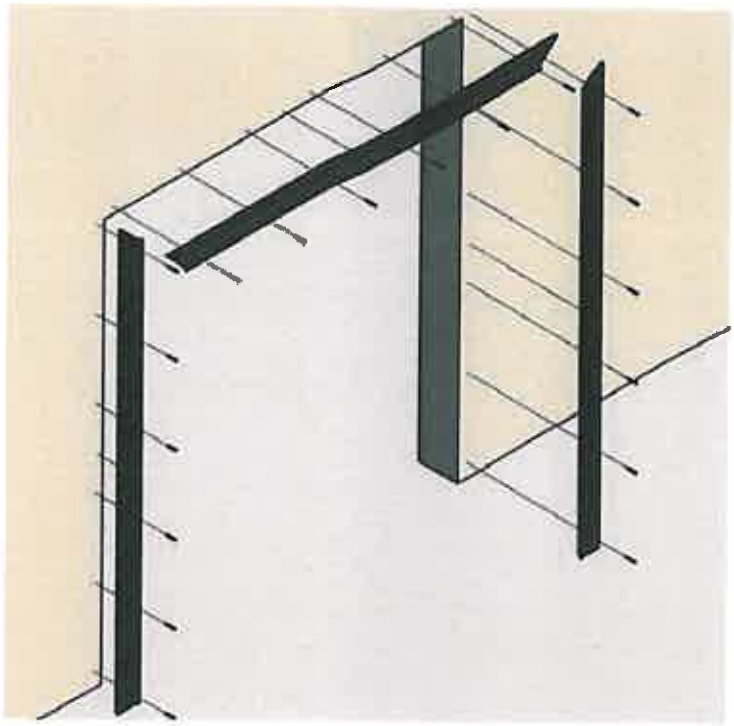


Drawing 1

2°

INSTALLING THE FRAME

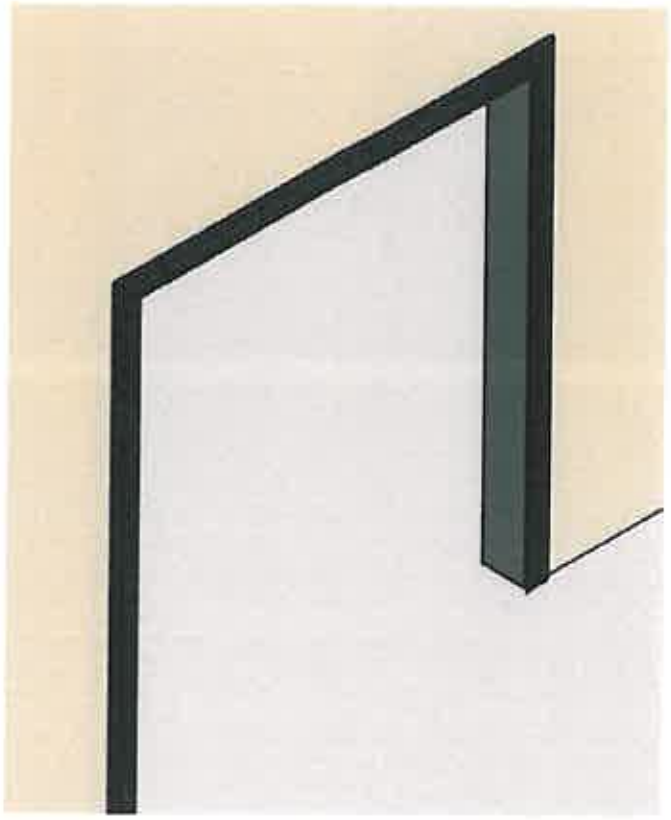
Place the profiles along the opening



Drawing 2

- The frame must be fastened that there can be no possible daylight between the uprights..
- It must be fitted level because the whole door system depends upon it.
- It is placed using fastening brackets, with one every metre.
- The screws must be countersunk into the section.

RESULT



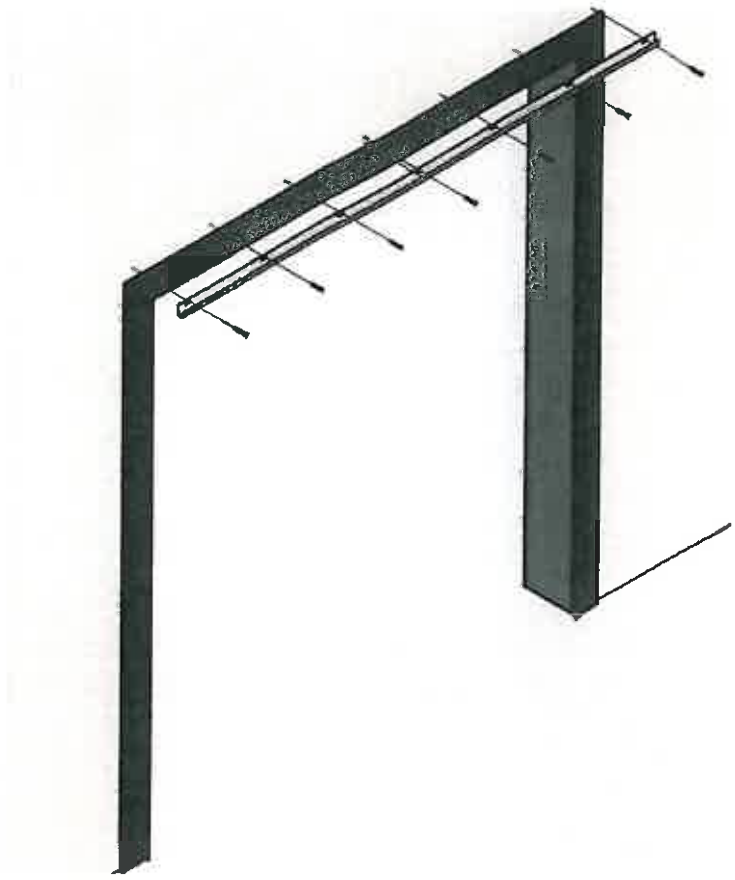
Drawing 3

3°

PLACING THE HORIZONTAL ANGLE OF LINTEL

The horizontal angle of lintel (ref 6201) must be placed at equal distance on both sides (drawing 4)

It is placed on the frame profile using fasteners at all of the holes, against the horizontal frame profile at the closing-side and following a slope of **1 cm/meter** at the opening-side of the door.



Drawing 4

RESULT

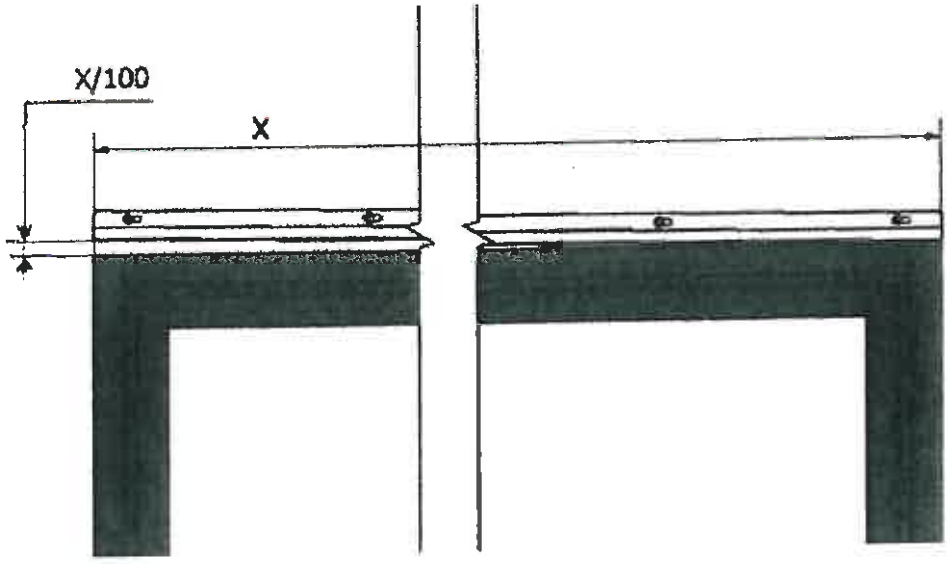
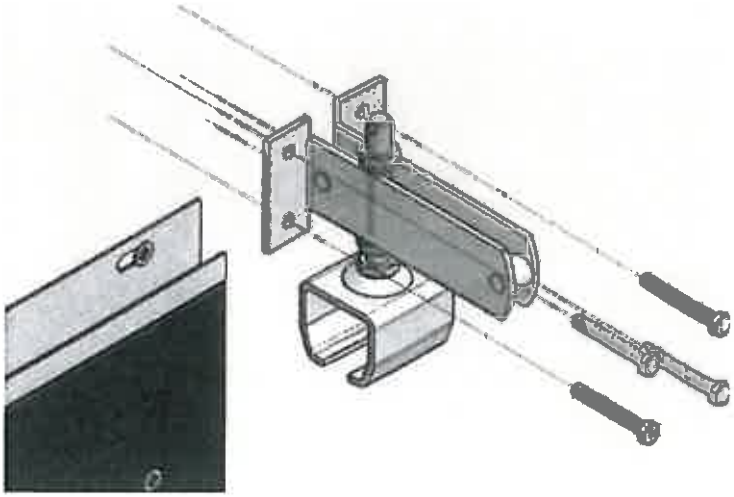


Schéma 5

4°

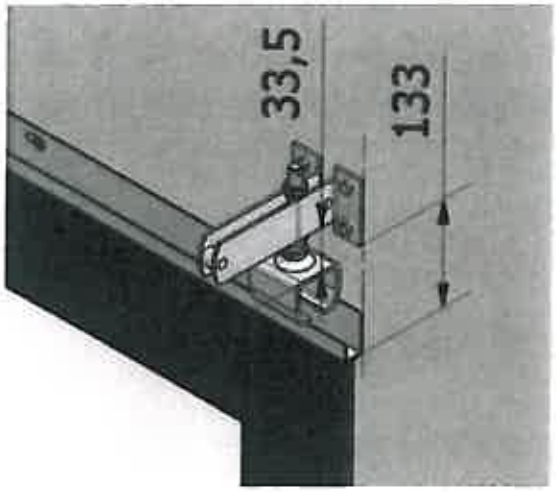
PLATES FOR TRACK SUPPORT AND SUPPORTS TRACK

Fasten the supports (ref 2571) on the plates for track support (ref 2561).



Drawing 6

Start by placing the first support on the closing side in the alignment of the horizontal angle of lintel (as the dimensions shown on drawing 7).

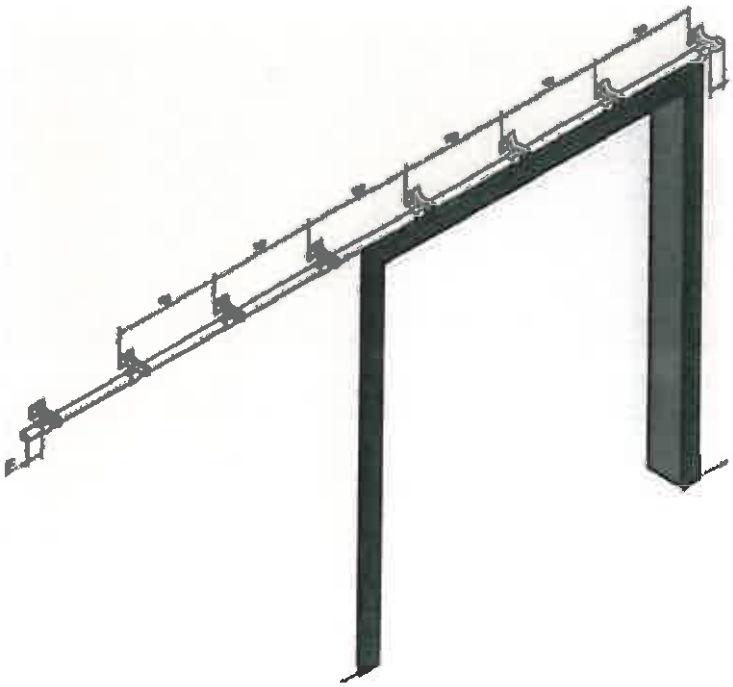


Drawing 7

Place then the other supports by keeping a regular interval of 700 mm and following a slope of **1 cm/meter** equivalent to the angle of lintel.

To finish, slip the track into the ajustable supports by leaving 100 mm at each side.

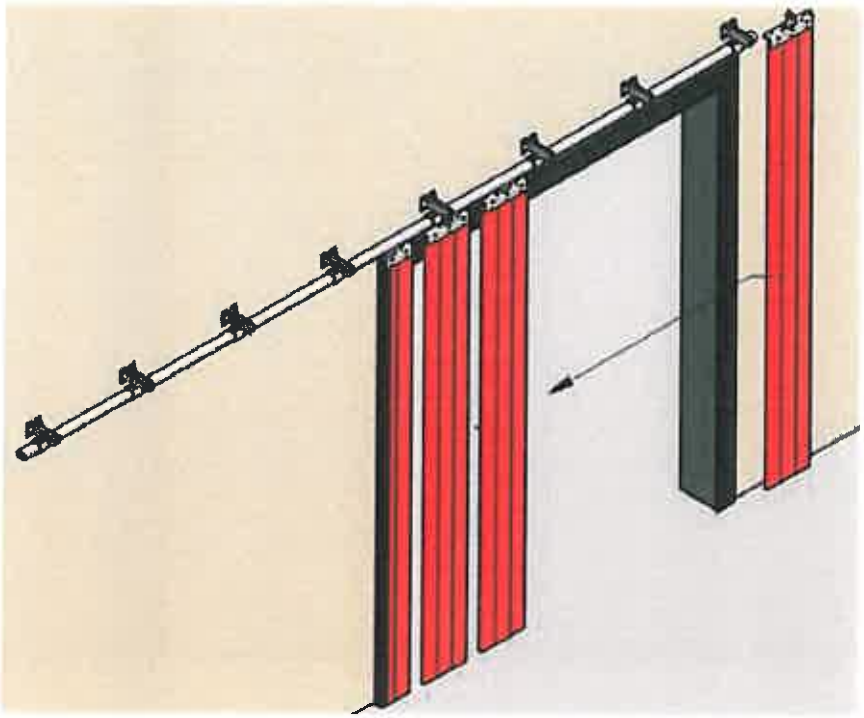
RESULT



Drawing 8

5°

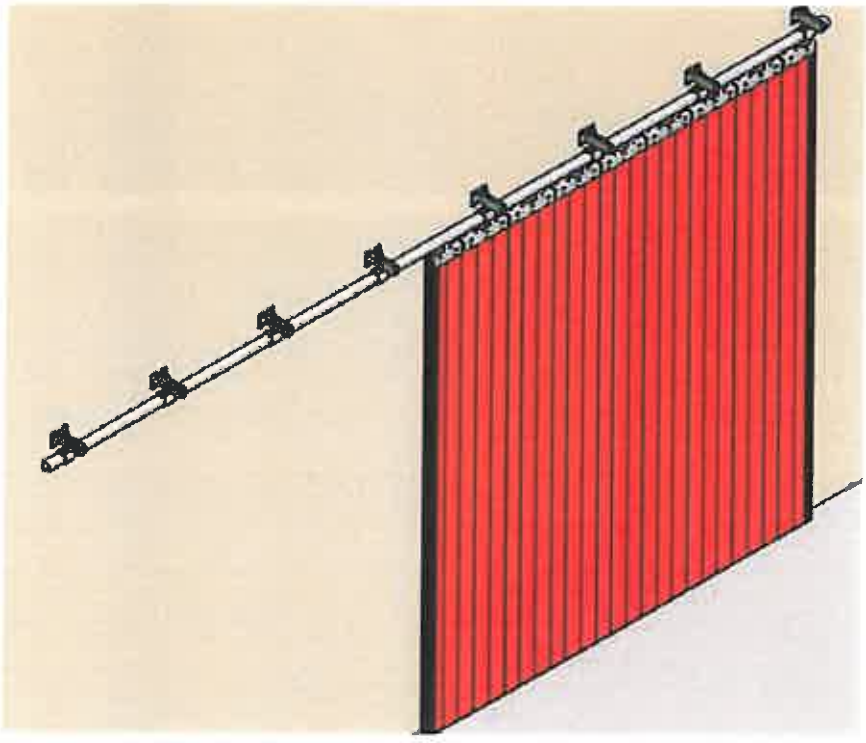
PLACING OF THE PANELS



Introduce the panels one after the other into the good order as shown in the drawing 9.

Drawing 9

RESULT

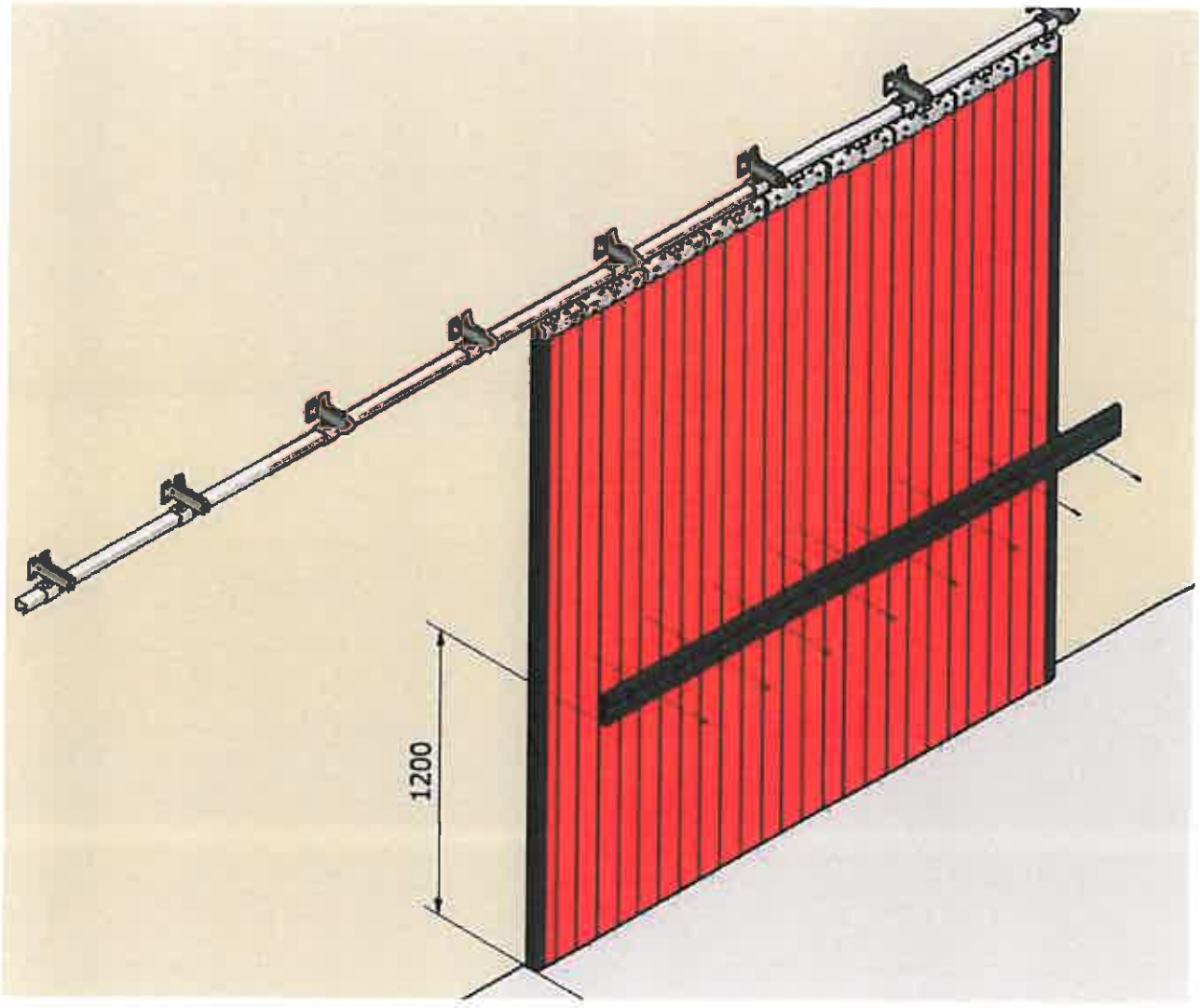


Drawing 10

6 °

REINFORCEMENT PROFILE

Place the reinforcement profile (ref 2491) at 1m20 of the ground by starting with the end. Place a screw every 300mm.



Drawing 11

→ It is important that the door is compressed.

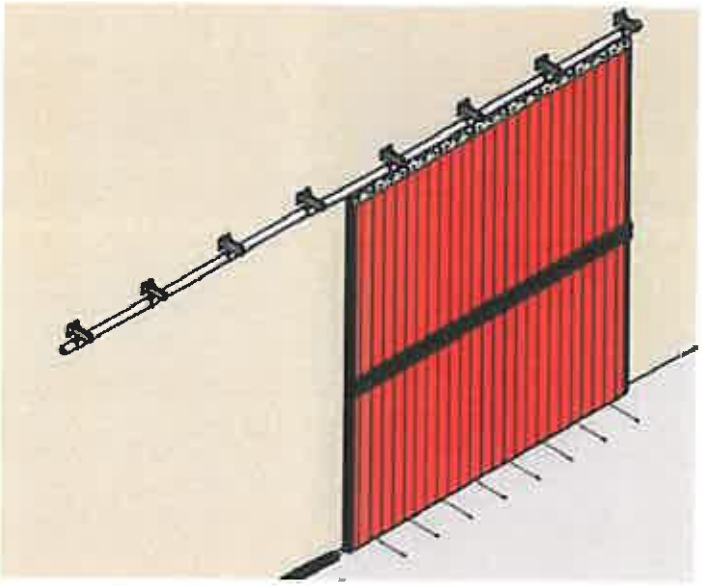
→ Use countersunk screws of 60mm.

7°

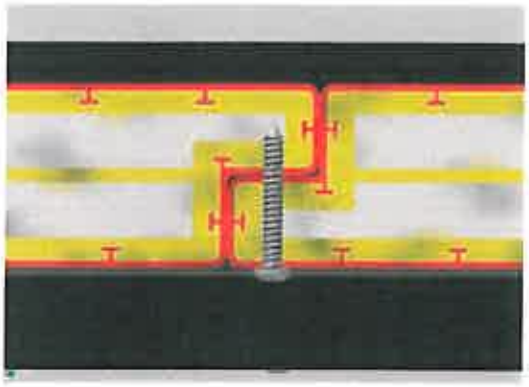
FINISHING OF THE DOOR

Connect the nose of the panels (drawing 13), introduce and fasten the PVC profile 40x40 (ref 2151) at the bottom of the door.

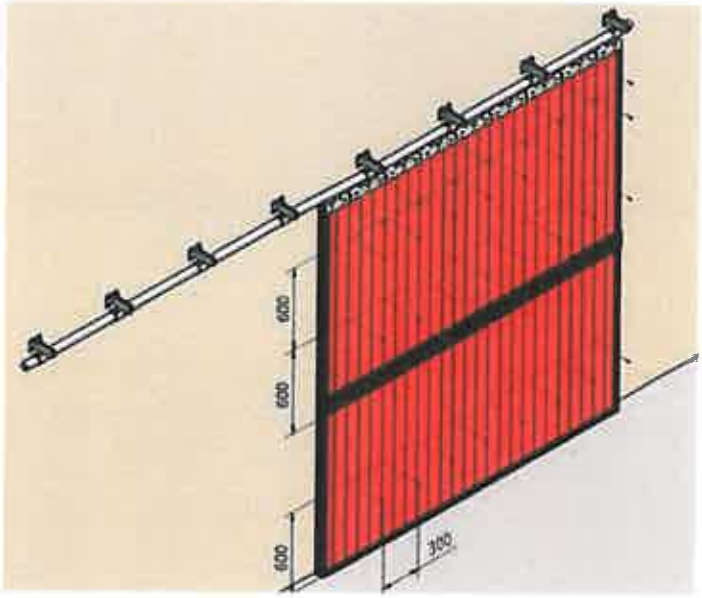
Place a screw to join together the nose of the panels with a regular interval of maximum 600mm (drawing 14).



Drawing 12

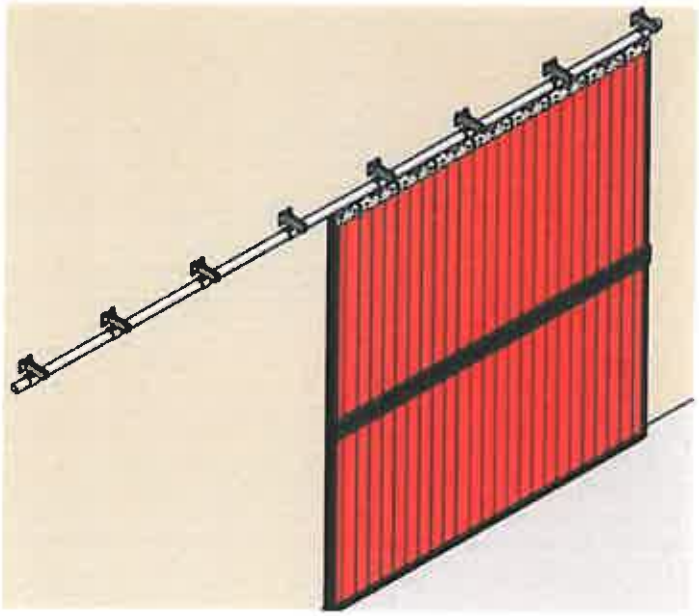


Drawing 13



Drawing 14

RESULT

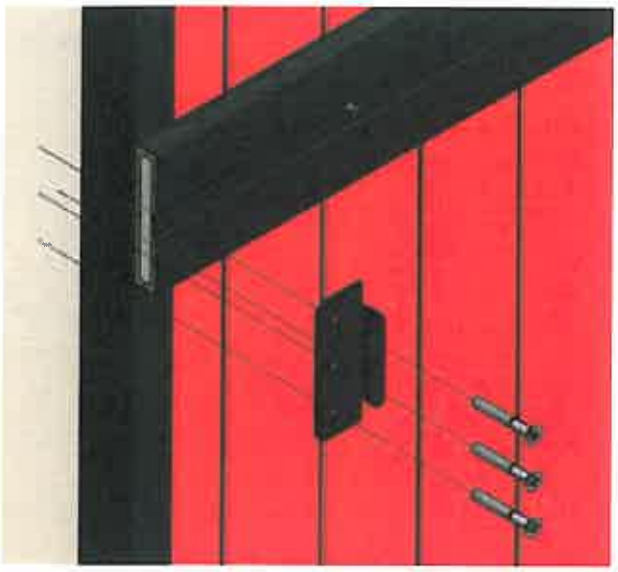


Drawing 15

8°

KIT OF HANDLES (REF 1401)

Start to install the interior handles against the frame (drawing 16) and then place the external handles against the reinforcement profile (drawing 17).



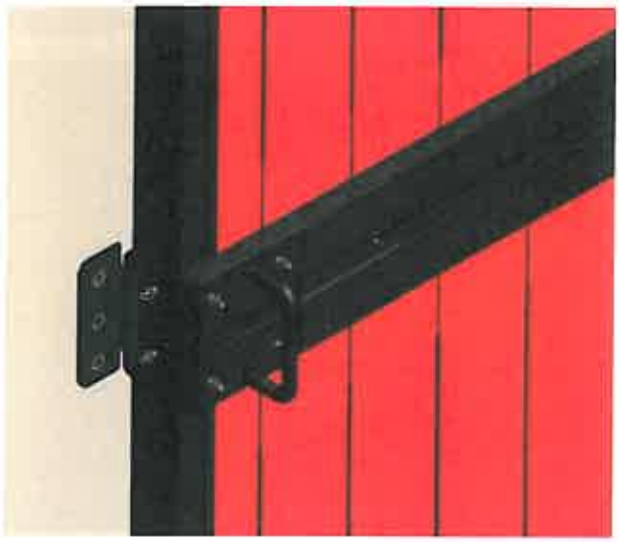
Drawing 16

Drawing 17

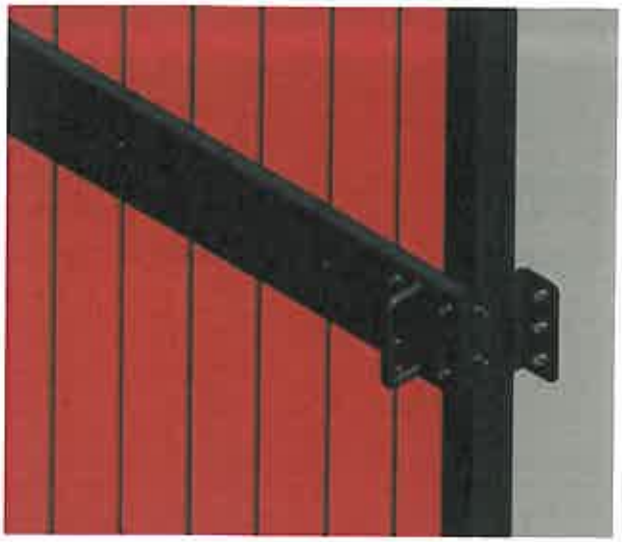
→ The interior and external handles must be in alignment with the reinforcement profile.

→ The door must be in position closed during the installation of the kit of handles.

RESULT



Drawing 18

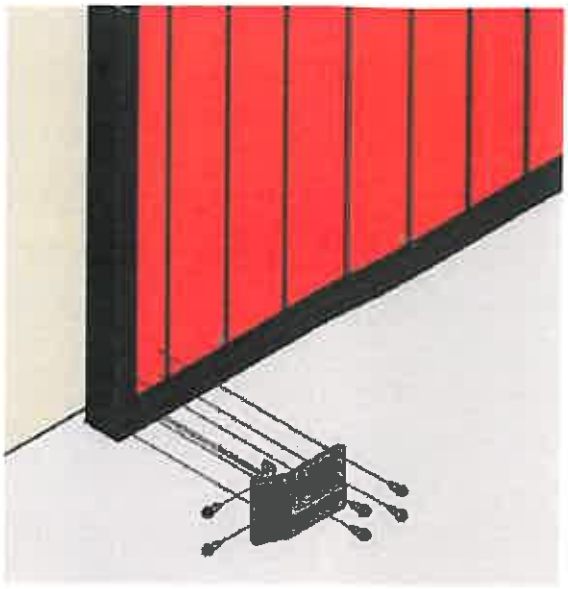


Drawing 19

9°

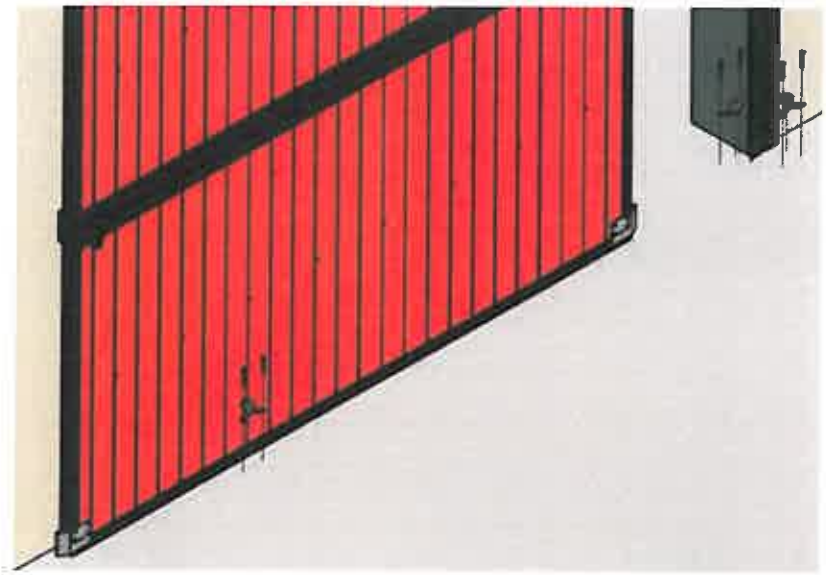
PLATES AND TRACKING ROLLERS

Place each side of the door the plates (ref 2581) drawing 20.



Drawing 20

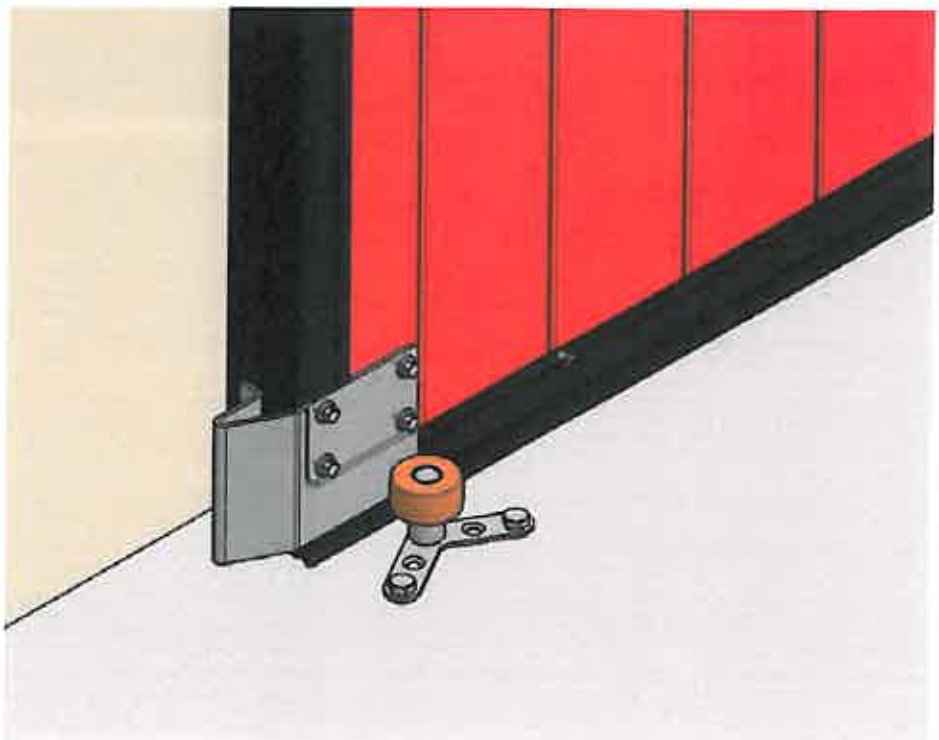
Place then each side of the door the tracking rollers (ref 1051) as shown in the drawing 21.



Drawing 21

- maintain correctly the door in closed position
- In closed position, the tracking rollers must be in front of the plates

RESULT

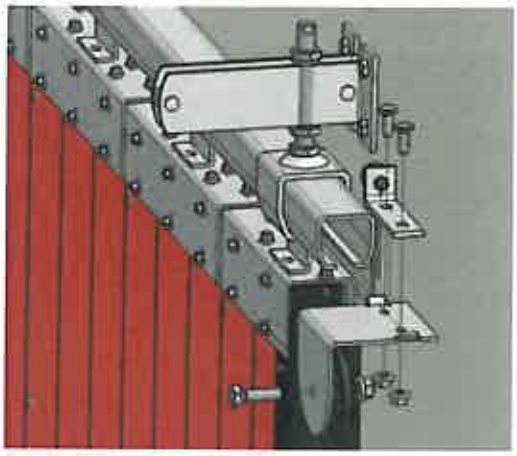


Drawing 22

10°

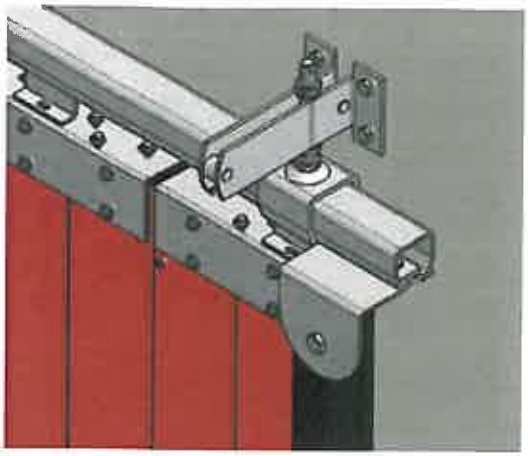
BRAKE SYSTEM

1/ The pulley (ref 2801) is placed at the closing side as shown in the drawing 23.



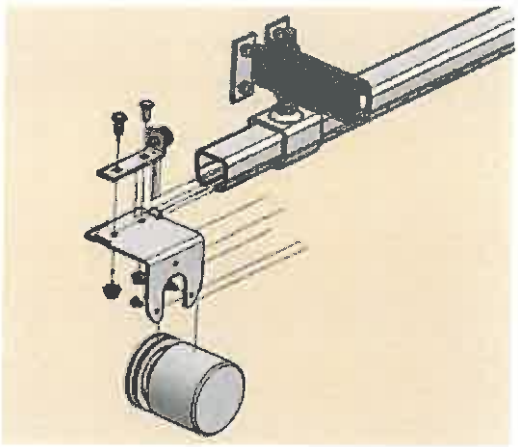
Drawing 23

RESULT

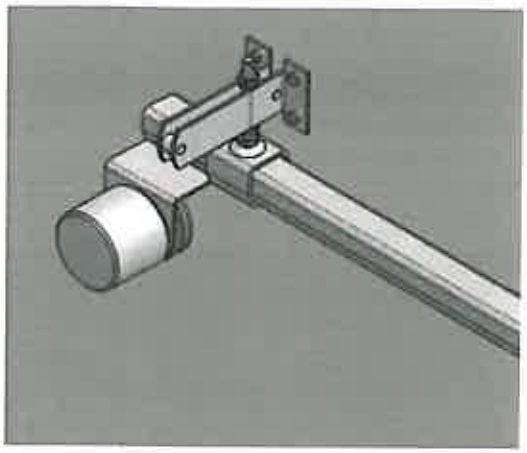


Drawing 24

2/ Place the brake (ref 2802) and the brake support (ref 2803) at the opening side. In opened position, the brake must be against the support (ref 2551) (drawing 25).



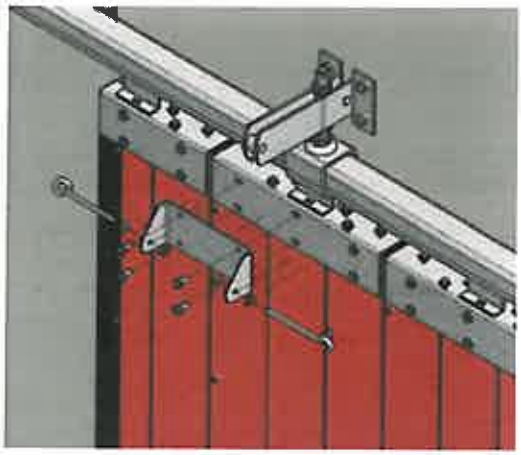
Drawing 25



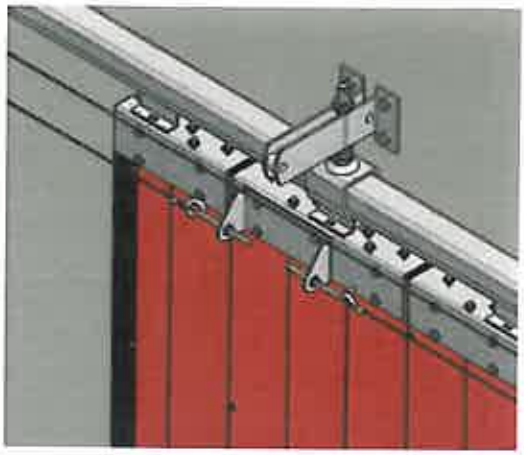
Drawing 26

3/ Place the tensioner (ref 2804) on one of the panels to the choice (drawing 27).

4/ Attach the cable (ref 2806) around both pulleys, connect it to the tensioner and then tighten the unit (drawing 28).



Drawing 27



Drawing 28

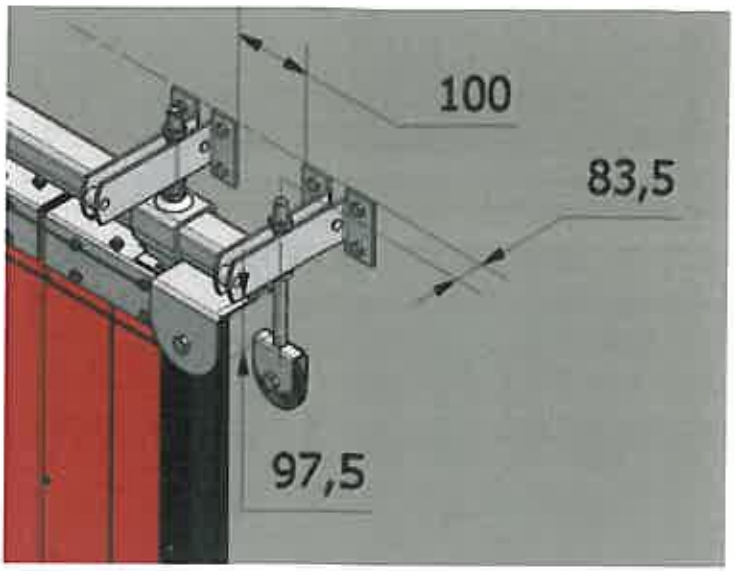
11°

CLOSING SYSTEM

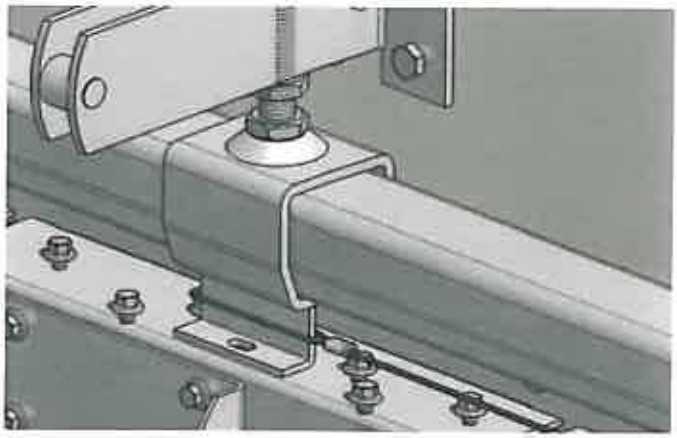
1/ Place the support (ref 2571) and the pulley of counterweight (ref 2805) as shown in the drawing 29.

2/ Attach the cable around one of the supports (drawing 30).

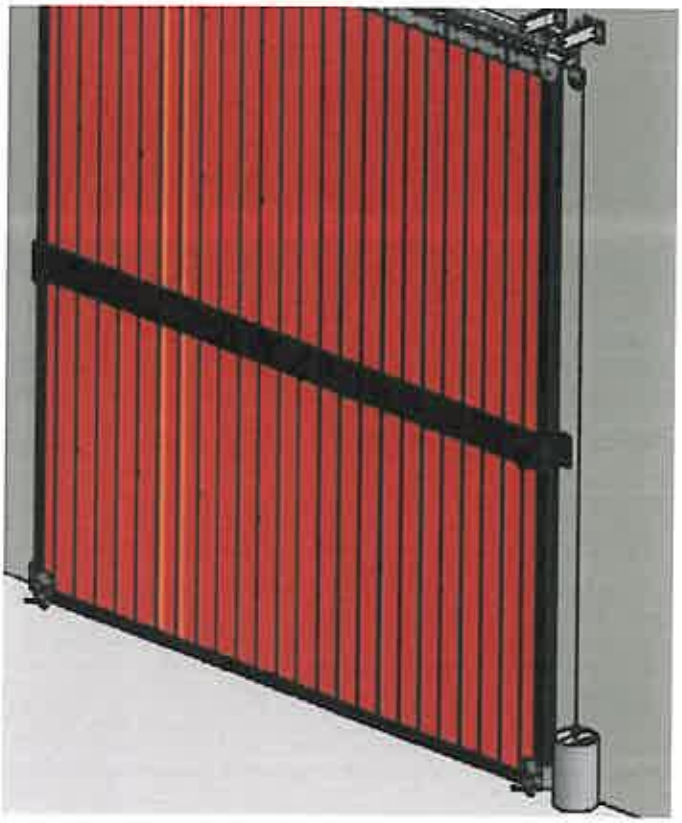
3/ Place the cable by the pulley and then, attach de counterweight (drawing 31).



Drawing 29


Drawing 30

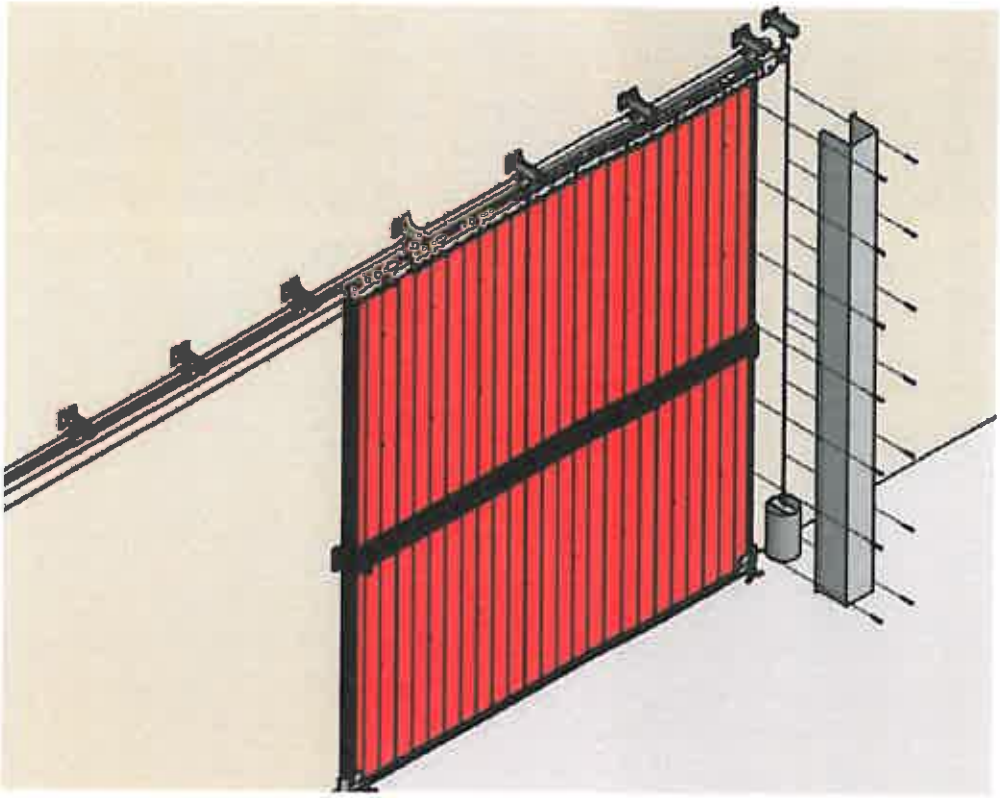
RESULT


Drawing 31

12°

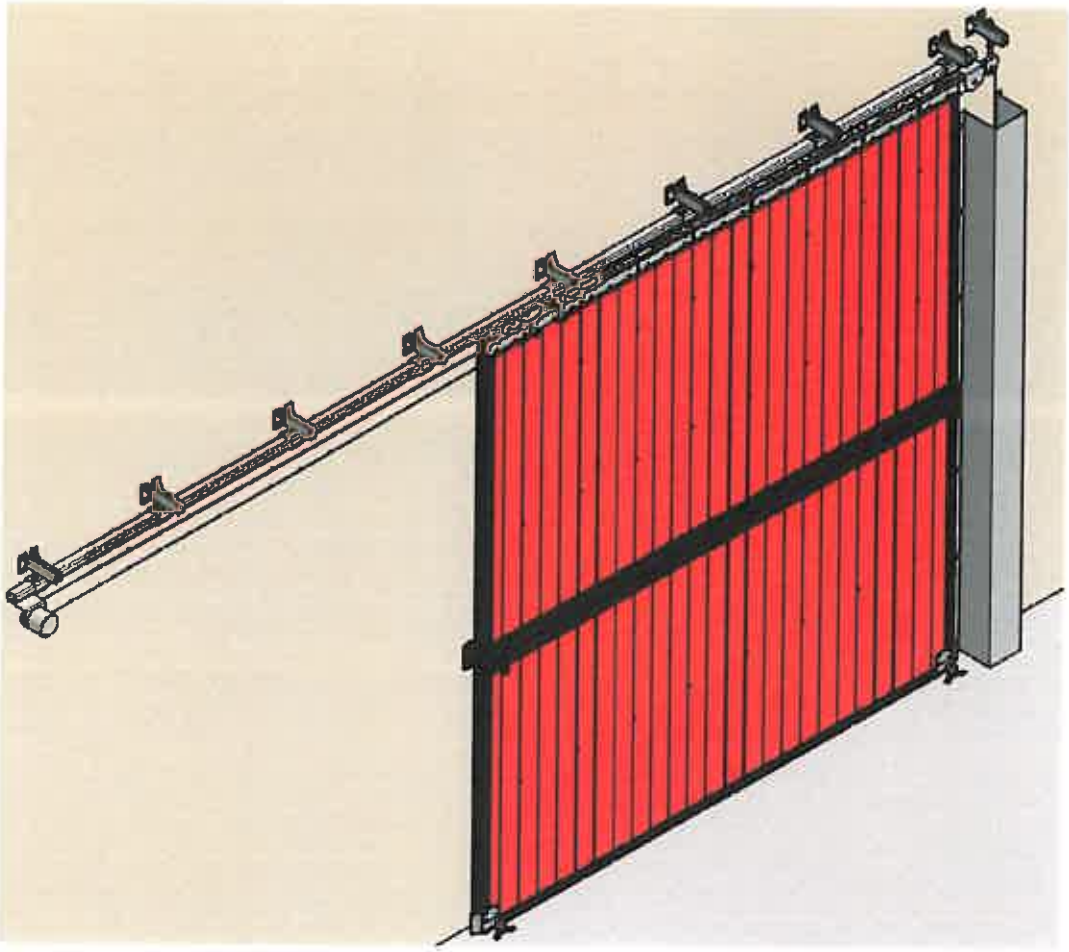
COMPLE-TION (OPTIONAL)

2/ Place the lid as show in the drawing 32.



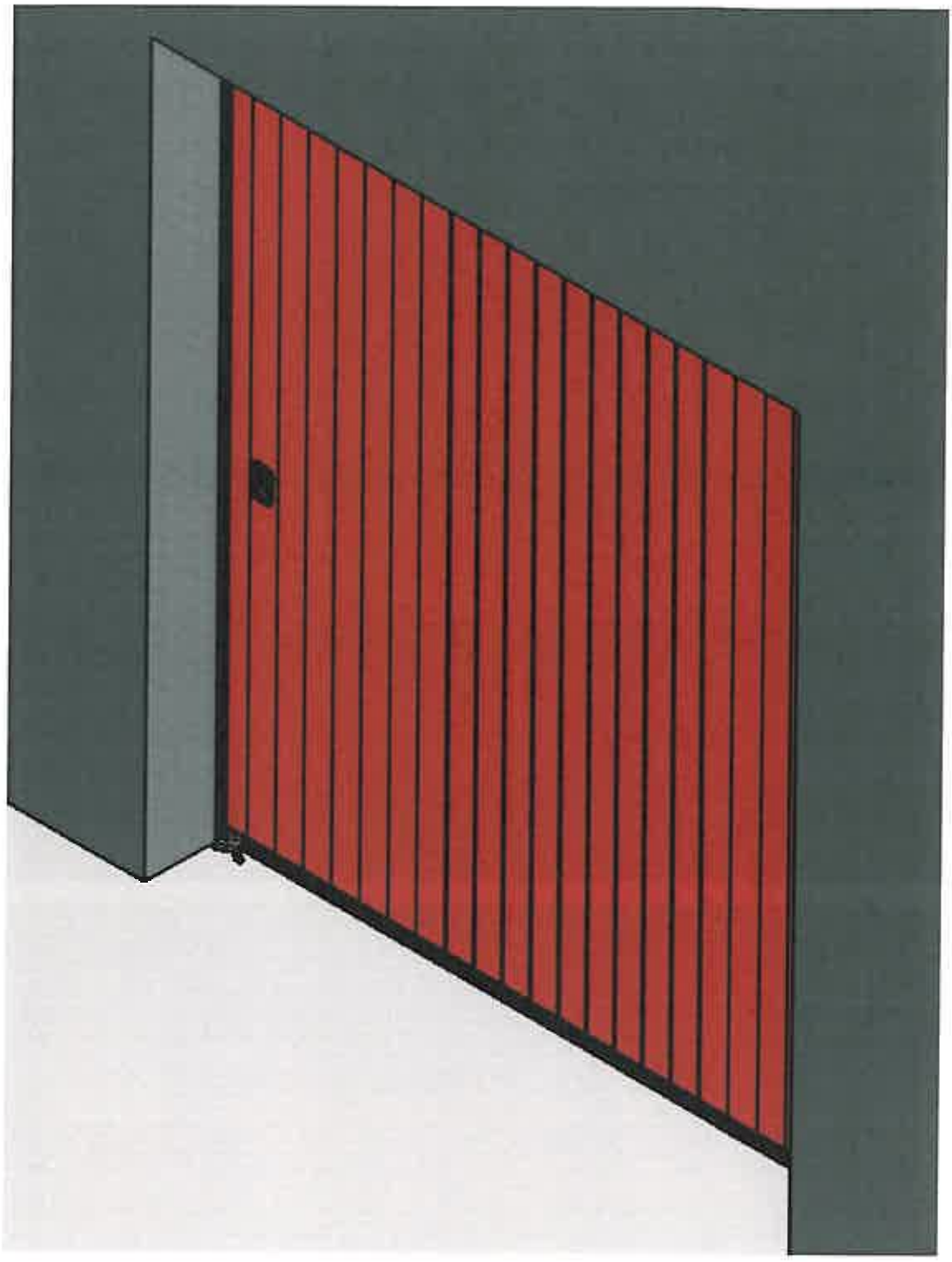
Drawing 32

RESULT



Drawing 33

RESULT



INDEX

Red panel

réf 3101

Grey panel

réf 3151

Bottom seal

réf 2151

PVC profile 40x40

réf 2181

Kit of handles

réf 1401

Flush handles

réf 1501

Panel support

réf 2551

Plates

réf 2581

Tracking rollers

réf 1051

perlau 40mm/2mm

réf 7011

Reinforcement profile

réf 2491

Frame profile

réf 2481

Horizontal angle of lintel

réf 6201

Plates for track support

réf 2561

Support

réf 2571

Track

réf 6501

pulley

réf 2801

Brake

réf 2802

Brake support

réf 2803

Tensioner

réf 2804

Pulley of counterweight

réf 2805

Cable

réf 2806