

Maintenance booklet and removal manual

N°2110

05/16

Murax P110 Shutter/Dentel Grille
fitted with an anti-fall guard

Direct pull



(Document reserved for users)

Maintenance and inspection booklet


Intervention frequencies

Operating mode	Number of visits per year	Maximum number of cycles between visits
Manual	1	2500

Site address :

Status and name of the fence element :

Maintenance check points (see enclosed maintenance booklet)



**Clean the shutter regularly with clear water.
The use of detergent may degrade the color or gloss of the coating.**

A/ SHUTTER

- **Checking the shutter fasteners on the axis :**
 - . Condition of the shutter fasteners.
 - . Screw condition and tightening.
 - . Condition and anchoring of captive nuts.
- **Checking vertical slat alignment.**
- **Checking the condition of the slats and joints (shocks/dirt, etc.).**
- **Checking the condition of the staples and tubes (Dentel Grille).**
- **Checking side clearances.**
- **Function check of the lock :**
 - . Condition of the lock and linkage.
 - . Check the free passage of the guiding rails in the slide holes and in the wall (if inter-wall installation).

B/ AXIS

- **Checking the fastening of the axis on the plates :**
 - . Check the condition and tightness of the axis/support bolts.
 - . Check the fastening of the support (shell) to the plate.
 - . Screw condition and tightening.
- **Condition of the coils (bearing cages) and lubrication.**
- **Check the compensation status (shutter over or under compensated).**
- **Spring condition (tensioned, shutter closed) and lubrication.**
- **Check the welds on the curved profiles.**
- **In the event that the anti-fall guard is triggered due to mechanical failure, the axis and its anti-fall guard must absolutely be replaced.**

C/ GUIDING RAILS AND PLATES

- **Checking the guiding rail fasteners on the framing.**
- **Checking the plate fasteners on the framing.**
- **Checking the condition of the guiding rails and plates** (internal clearances, no unevenness).
- **Clean the inside of the guiding rails and plates.**
- **Extensive lubrication of the inside of the guiding rails and plates.**
- **Check the guiding rail/plate connection** (no unevenness).
- **Check invitation settings.**
- **Check the alignment of the plates** (perpendicular to the header and parallel to each other).

Maintenance booklet intended for the owner of the fence element

Manufacturer's name : **FTFM LA TOULOUSAINE (31750)**

Fence element identification number :

Job site reference :

Installer name :

Date of installation :

Type of operation :

Safety devices :

Final test of verification and operation carried out by the installer :

Date : Observation :

Name : Signature :

Instructions for use : See user guide.

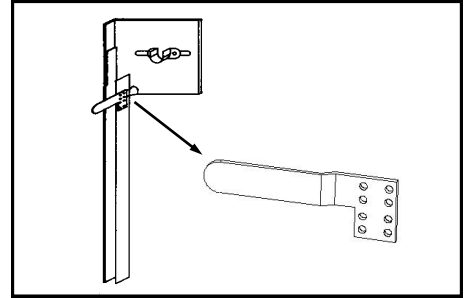
Logging of interventions						
Type of intervention				Intervener		
Maintenance	Repair	Replaced parts	Improvement	Date	Name	Signature

WARNING :

Any modification or improvement of this fence element must be compliant with the standard EN 13 241-1. In this case, a "modification/transformation" file must be created as per the standard EN 12635 annex C.

Removal instructions

- 1 - Remove the slide stops from the shutter.
- 2 - Lower the shutter completely out of the guiding rails.
- 3 - Pin the spring coils by pushing the shutter forward with a bar.



Do not disassemble the shutter until the pins are in their place.

- 4 - Remove the shutter completely.
- 5 - Remove the screws holding the axis.
- 6 - Remove the axis.
- 7 - Disassemble the guiding rails.

