



I NOBILI®

FINESTRE & PERSIANE

MANUAL USE



I NOBILI®

FINESTRE & PERSIANE

OPEN TO OPTIMISM

Thanks to choose our products.

They are built with care and with performance materials. In order to maintain their functionality and beauty, we recommend to read this manual in which there are guidelines that allow to avoid danger situations, proposals of correct use and product's maintenance and information about correct airing in closing environment.


Riccardo Figliola
AMMINISTRATORE UNICO

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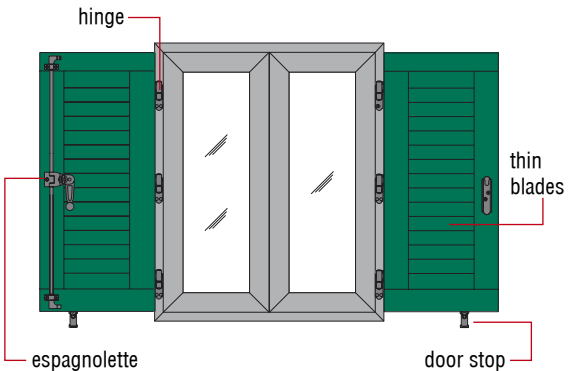
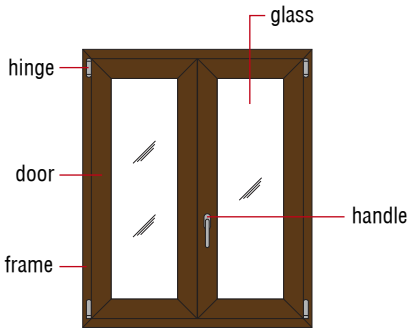
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WINDOW'S USE

Windows and French windows allow light to enter and to change air into houses.

Shutters guarantee protection from sun and other severe weather conditions. Any other use is defined unsuitable.

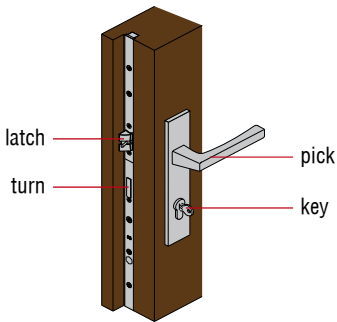
For this reason, this manual must be considered as an integrant part of the product and must be kept for an easy consultation.



LOCK'S USE

Lock is a mechanical or electromechanical instrument for checking entrance.

It's a system suitable for close and/or block an entrance.



GENERAL NOTICES BEFORE USE

Before product's use it is necessary to read this manual and to observe precautions about responsibility and security.

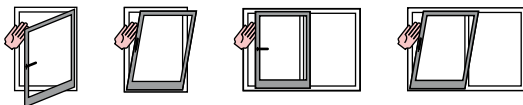
Window's laying must be made with particular attention and do not dirty them with aggressive products as limes, mortar and painting. The use of plaster or particular treatments on floors could cause a fast ironmongery oxidation. During works environment must be airing correctly in order to avoid that acid vapours could collect on ironmongery.

It's important to inspect periodically ironmongery components, not only in closing position, but also in opening position in order to verify presence of broken elements. When there are damages it is necessary to use only original replacements. Each kind of substitution must be made only by a specialized personnel.

Constructor is not responsible for probable damages caused by unsuitable uses.

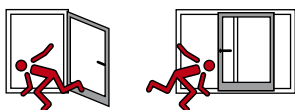


DANGER OF ACCIDENT



It's important to pay attention during window's opening and closing actions, French windows and shutters, because it could be damage of fingers squeezing between frame and door.

DANGER OF FALL



Avoid to stick out during opening/closing actions and when doors are open because it's possible to fall. Don't leave unguarded open windows especially if there are children. Shutters even if are close don't constitute a protection that could avoid falls.

DANGER OF FALLING OBJECTS



Avoid to put objects on window's windowsill because accidental closing, caused for example by wind or by door's accident push could determine the falling of object by causing damages to persons or animals.



DANGER OF HURT ITSELF FOR AN OPEN DOOR



Open door represents a danger. Then it's necessary to close it before passing under it or in presence of children. We recommend to use block door systems or picks with keys in all damage situations.

DANGER OF DAMAGE FOR UNEXPECTED CLOSING DOOR

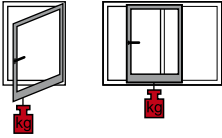


Avoid to leave open door because accidental wind could determine violent closing by causing damages to persons, objects or animals. Then shutters must be fixed to hooks or fixing wall systems.

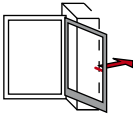
We recommend to close shutters when there is a strong wind (speed more than 40 km/h) and pay attention during closing action.

Also we recommend to action shutters after thaw even if they are frozen for low temperatures.

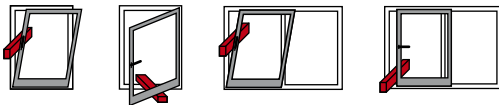
NOT CORRECT USE OF A WINDOW



Do not overload door of windows, French windows and shutters.



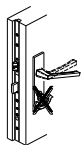
Do not position open door against projecting parts of walls.



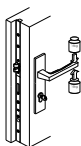
Do not put in objects between open door and frame.

Do not force components when there are difficulties.

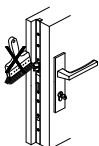
NOT CORRECT USE OF LOCK



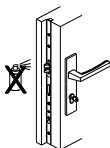
Do not activate key and pick at the same time.



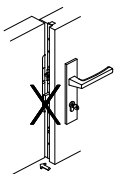
Do not active pick with a pressure more than 15 kg.



Do not paint or lacquer latch and turn.



Do not use antirust or silicone spray.



Do not active turn before closing leaf.

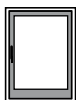


Do not force leaf against semi fixed leaf in closing position (for 2 doors typology)

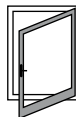
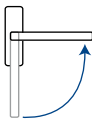
Do not use locks with clear signs of forcing or break-in. Provide for a substitution.

OPENING MANOEUVRES

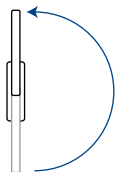
DOOR - FOLDING DOOR



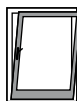
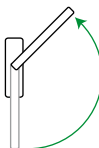
CLOSING POSITION
orient handle downward



OPENING DOOR POSITION
rotate handle of -90°



FOLDING DOOR POSITION
Rotate handle of -180°
continuous airing of environment

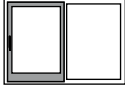
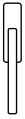


**ESPECIAL EXECUTION
FOR PV C WINDOWS**

OPENING POSITION
CONTROLLED AIRING
rotate handle of -135°
reduced airing
see page 30

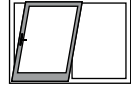
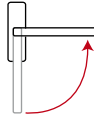
OPENING MANOEUVRES

FOR ALUMINIUM-WOOD WINDOWS COPLANAR FOLDING SLIDING



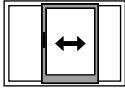
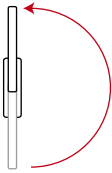
CLOSING POSITION

orient handle downward



OPENING POSITION
FOLDING DOOR
rotate handle of -90°

continuous airing of environment



SLIDING OPENING POSITION

rotate handle of -180°

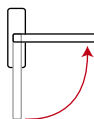
OPENING MANOEUVRES

FOR ALUMINIUM-WOOD WINDOWS COPLANAR FOLDING SLIDING WITH AUTOMATIC CLOSING



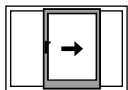
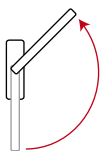
CLOSING POSITION

orient handle downward



OPENING POSITION
FOLDING DOOR
rotate handle of -90°

continuous airing of environment



SLIDING OPENING POSITION

rotate handle of -135°

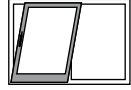
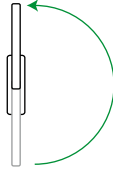
OPENING MANOEUVRES

FOR PVC WINDOWS COPLANAR FOLDING SLIDING



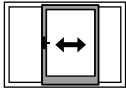
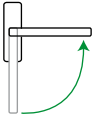
CLOSING POSITION

orient handle downward



OPENING POSITION
FOLDING DOOR
rotate handle of -180°

continuous airing of environment



OPENING SLIDING POSITION

rotate handle of -90°

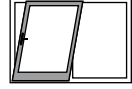
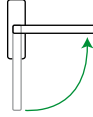
OPENING MANOEUVRES

FOR PVC WINDOWS COPLANAR FOLDING SLIDING WITH AUTOMATIC CLOSING



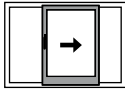
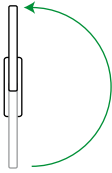
CLOSING POSITION

orient handle downward



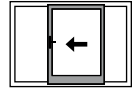
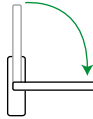
OPENING POSITION
FOLDING DOOR
rotate handle of -90°

continuous airing of environment



OPENING SLIDING POSITION

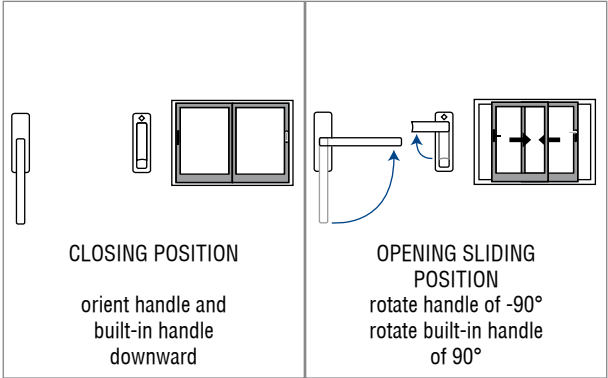
rotate handle of -180°



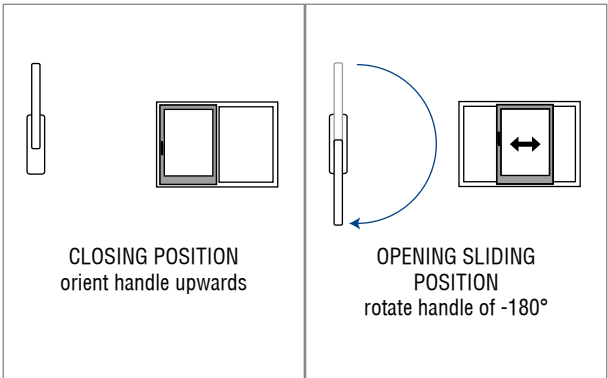
AUTOMATIC COUPLER
IN CLOSING PHASE
rotate handle of 90°

OPENING MANOEUVRES

SLIDING



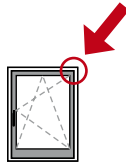
LIFTING AND SLIDING DOOR



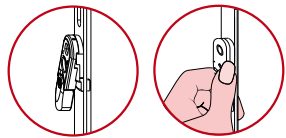
FALSE MANOEVRES DEVICE FOLDING DOOR

If accidentally we rotate handle upwards (opening folding door) while window is open, it's necessary:

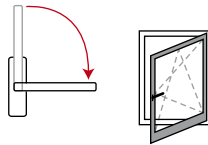
01. close and maintain still door's upper angle opposite to frame handle



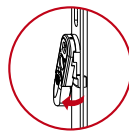
02. press lift door mechanism



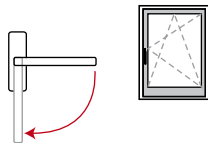
03. bring handle in normal opening position



04. leave again lift door mechanism



05. bring handle in closing position and rotate handle downward



GENERAL GUIDELINES

HOW DO **NOT** CLEAN WINDOW



Avoid to use tools with rounded edges, or abrasives as knives, metallic spatula, because they could damage surface.

Do not use chemical products as solvents, alcohol, alkaline products or acids.

SHUTTERS CLEANING

Shutters must be cleaned at least 2 times during years, more times if a person lives in coast place. They could be cleaned by using a cloth dampened in water or in a neutral detergent. It's possible to use vapour instrument not when temperatures are very low.

GLASSES CLEANING

Glasses could be cleaned by using a neutral detergent or water and vinegar.

HANDLES AND HINGES CLEANING

Handles and hinges could be cleaned with a soft cloth dampened in tepid water.

WINDOWS AND FRENCH WINDOWS CLEANING

Dust could be removed with a dry brush and an electrostatic cloth. For cleaning it could be used a soft cloth dampened in cool water with a neutral detergent or it's possible to use "I NOBILI" kit.

CLEANING

KIT FOR ALUMINIUM-WOOD WINDOWS



The kit is characterized by 4 elements:

- > wood balsam
- > gasket protective
- > lubricant for mechanisms
- > cleaning cloth

FOR BUYING
“I NOBILI” KIT, IT IS
NECESSARY TO ASK
IT TO AN
AUTHORIZED
“I NOBILI” RESELLER

For a deep cleaning especially for wood parts proceed in this way:

- > remove thanks to dampened cloth dust and dirty and let dry
- > shake wood balsam bottle and apply it with a special sponge
- > scrub with delicacy with a dampened cloth

GASKET CLEANING AND PROTECTION FOR ALL WINDOWS

Gaskets cleaning and protection would be made every six mouths. It's enough soak a soft cloth in gasket protective and to pass it. This simple operation allows to maintain soft and resistant gaskets.

CLEANING

KIT FOR PVC WINDOWS



The kit is characterized by 4 elements:

- > intensive detergent
- > gasket protective
- > lubricant for mechanisms
- > cleaning cloth

FOR BUYING
“I NOBILI” KIT, IT IS
NECESSARY TO ASK
IT TO AN
AUTHORIZED
“I NOBILI” RESELLER

For a deep cleaning especially for PVC parts proceed in this way:

- > remove thanks to dampened cloth dust and dirty
- > shake cleaning cloth in the intensive detergent and pass it on PVC surface
- > remove with a dampened cloth

In case of resistant dirty repeat operation.

GASKET CLEANING AND PROTECTION

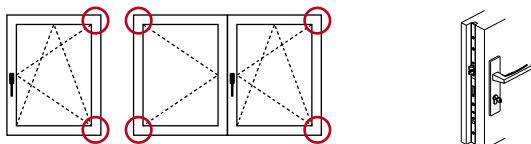
FOR ALL WINDOWS

Gasket cleaning and protection would be made every six months. It's enough soak a soft cloth in gasket protective and to pass it. This simple operation allows to maintain soft and resistant gaskets.

MAINTENANCE

GENERAL GUIDELINES

Control that window's important elements are not ruined in order to maintain window's security.



For guaranteeing ironmongery and lock functioning it's necessary at least, once a year:

- > control mechanisms and if it is necessary to regulate them by a specific person
- > lubricate with fats or oil without acids and resins all mobile parts
- > **avoid** the use of products that could compromise anticorrosive ironmongery's protection (aggressive detergents or abrasive)

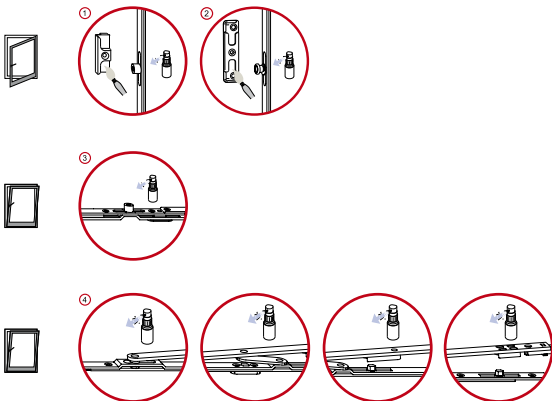
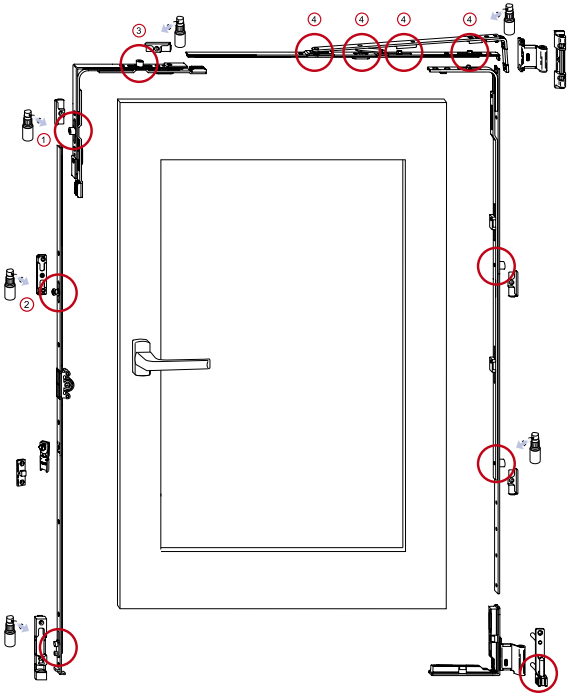


MAINTENANCE

FOLDING DOOR

lubricate with fats or oil without acids and resins all mobile parts

ALUMINIUM-WOOD

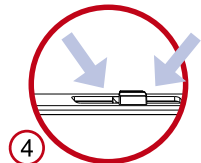
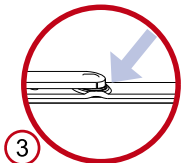
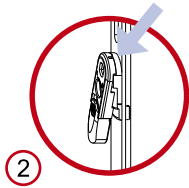
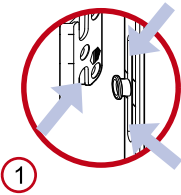
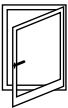
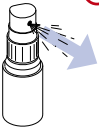
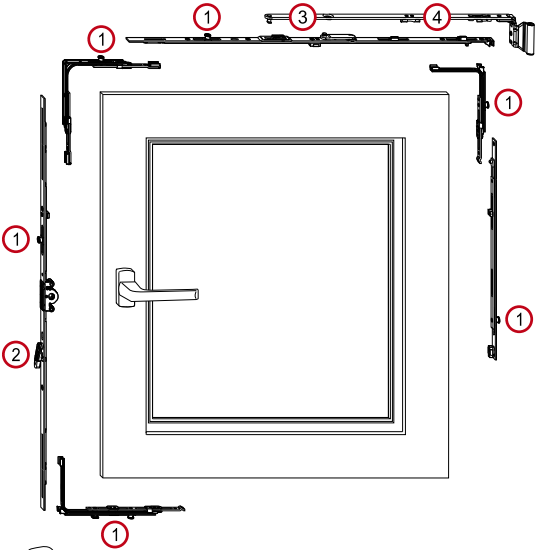


MAINTENANCE

FOLDING DOOR

lubricate with fats or oil without acids and resins all mobile parts

PVC



MAINTENANCE

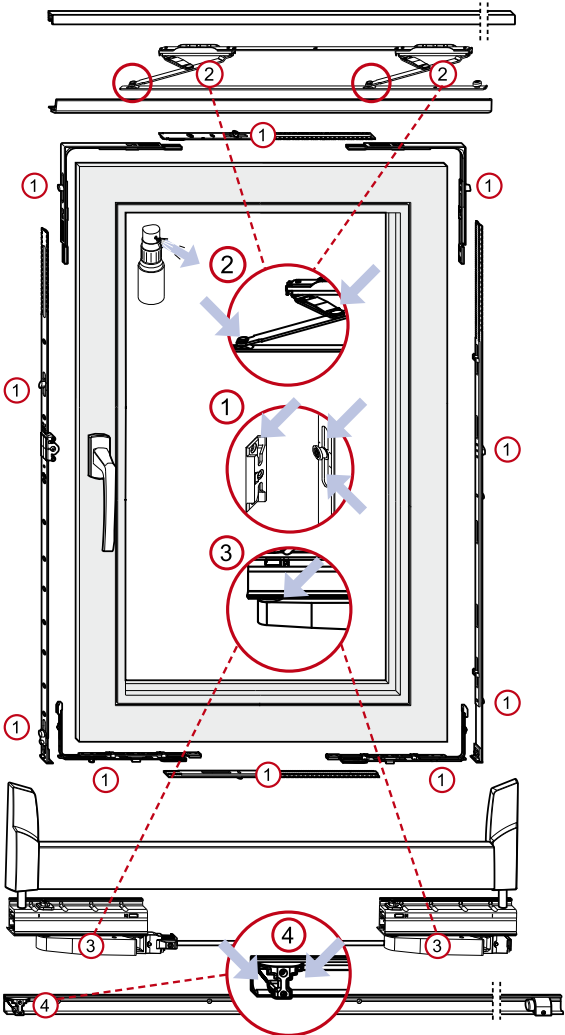
COPLANAR SLIDING

lubricate with fats or oil without acids and resins all mobile parts

ALUMINIUM-WOOD

ALUMINIUM

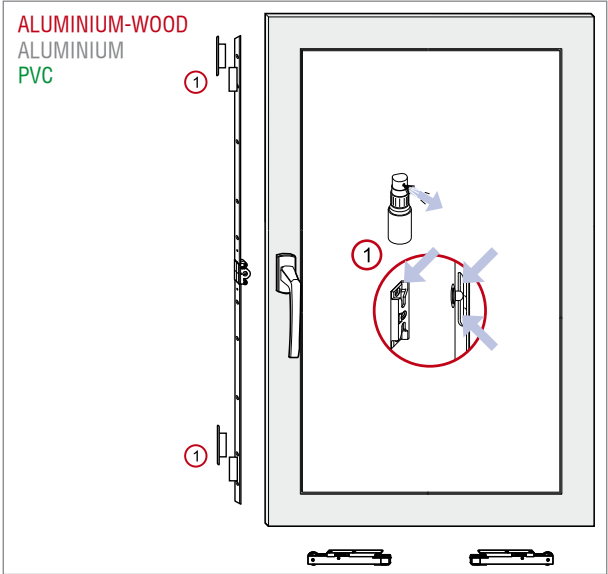
PVC



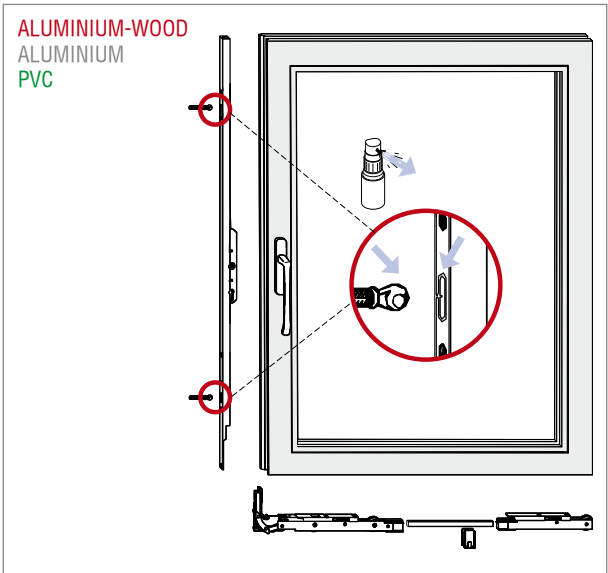
MAINTENANCE

SLIDING

lubricate with fats or oil without acids and resins all mobile parts.



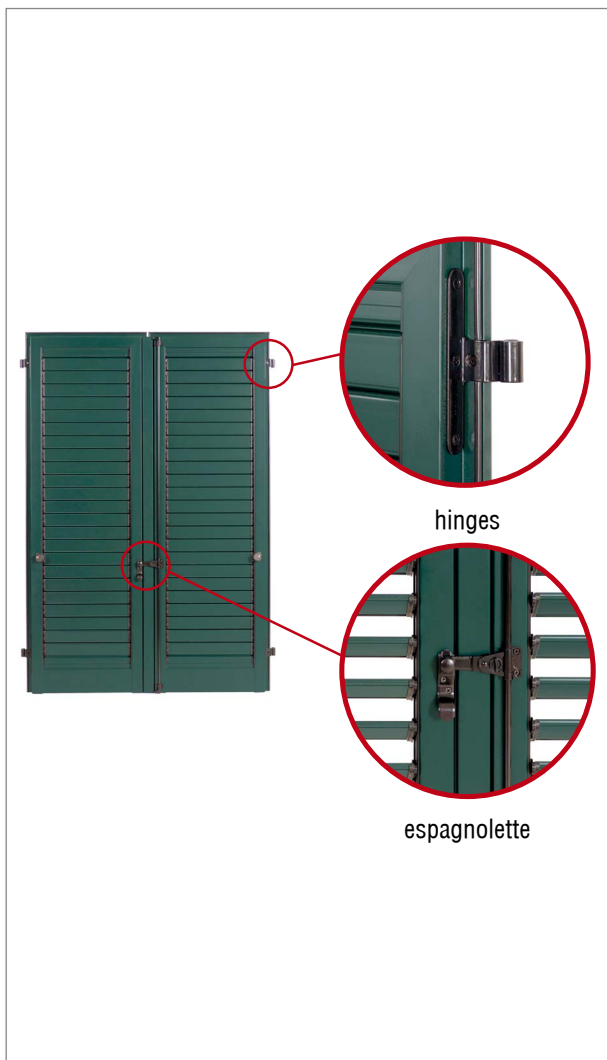
LIFTING AND SLIDING



MAINTENANCE

FOR SHUTTERS

Shutters require lubrication that must be made for all mobile parts, that is support joints articulations, closing bars. For lubrication it's possible to use technical Vaseline, oil spray by intervening into points presented in these photos.



WHY IS IT IMPORTANT AIRING CORRECTLY?

Our windows isolate internal environment from external environment. For this reason it's important to pay attention to correct airing in order to guarantee house comfort.

WHAT IS CONDENSATION?

Air contains water as a form of vapour. Water vapour percentage contained in air is called "relative humidity" or "humidity degree". When this factor is 100%, air is called saturated.

Less is air temperature less is water quantity that could contain.

For example, when air has 20° C could contain 14.7 g of water vapour, while when it has 5° C could contain only 5.4 g.

Condensation is water transformation into vapour contained in saturated air. When temperature lows, air joints dew point by creating the condensation phenomenon. In house we make different activities like cook, have a shower, dry washing, presence of persons that produce humidity by causing condensation.

This phenomenon causes several damages like moulds and mushrooms that provoke wall darkening, metallic oxidation and deterioration. It's not only a beauty question: these fungal spores could damage health by causing allergies and other respiratory illness. It's necessary to precede this phenomenon that could provoke damages to structures. For impeding condensation and its formation, it's necessary to isolate walls and to have a good airing in environment.

ENVIRONMENT AIRING

An hygrometer is the instrument easier and cheaper that allows to control humidity inside an house and to verify if we airing in a correct way. Relative humidity in rooms would maintain between 45 and 55%.

IN GENERAL

Close rooms that are characterized by a high humidity degree as bathroom after shower and later airing by opening windows. Avoid to open door that connects rooms with a high humidity degree with the other rooms, in this case we could spread humidity in all house. If it's possible, avoid to dry washing in house when windows are close. Remember to air even if there are not good meteorological conditions.



ENVIRONMENT AIRING

SUMMER

It's advisable to open windows in the morning and in the evening when temperature is cooler in order to facilitate wall refresh. During hot hours it's advisable to close windows and shutters.

WINTER

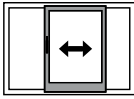
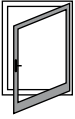
During cold season, it's necessary to pay attention to don't waste energy. Open window only for 4/6 minutes, or open with folding door for 15/30 minutes. In this way we could have a complete air change with a little energy waste. In bathroom and kitchen, where there is more vapour, it's necessary repeat this operation 2/3 times during day.

NEW HOUSES OR RENOVATED

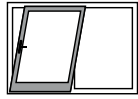
These houses have an internal humidity higher than others. The materials used preserve for months a high quantity of water. For this reason it's necessary to airing more times environments.

ENVIRONMENT AIRING

OPENING TYPOLOGIES FOR AIRING

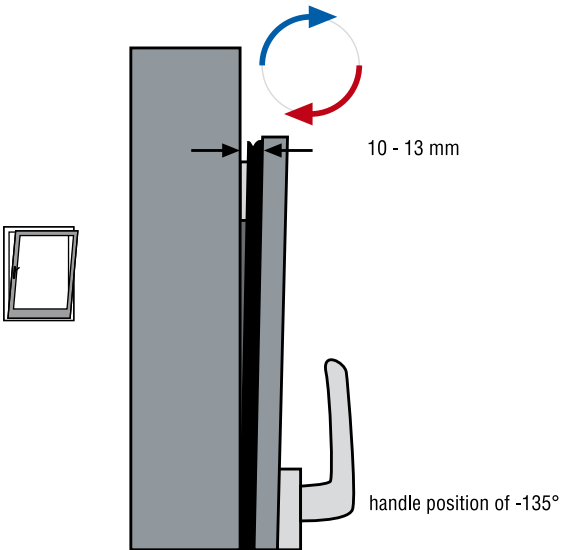


OPEN DOOR
intense air change



FOLDING DOOR
continuous airing

SPECIAL EXECUTION PVC WINDOWS



CONTROLLED AIRING DEVICE allows to have a correct airing in environments with a less heat waste. Rotating handle of -135° , door moves away of 10-13 mm from frame and remains blocked by giving a slow air change. Width of opening changes as windows dimensions.

CERTIFIED QUALITY

- > 10 YEARS OF GUARANTEE
- > CE MARKING
- > UNI EN ISO 9001/2008
- > CERTIFICATION OF HEAT INSULATION
- > 100% ITALIAN PRODUCT



DISPOSAL OF OLD WINDOWS



Materials by which our windows , shutters are built could be recycled.

Dispose of old windows nearby authorized centres.

Thanks to recycling it's possible to recover raw materials, by transforming them in order to use in other situations.



ENVIRONMENTAL RESPECT

Environmental respect is a conscious choice for improving life quality. No trees has been thrown for producing this paper. Recycled paper is friend of forest because it is produced by macerating paper.

According to “ Assocarta”, every year are picked in Italy more than 800.000 ton of newspapers and magazines and approximately 100.000 ton of printed.

Italian collection rate is the lowest in Europe (35,2% against 58% in Germany).

This manual is biodegradable and **recyclable totally**.



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