

MONTANA

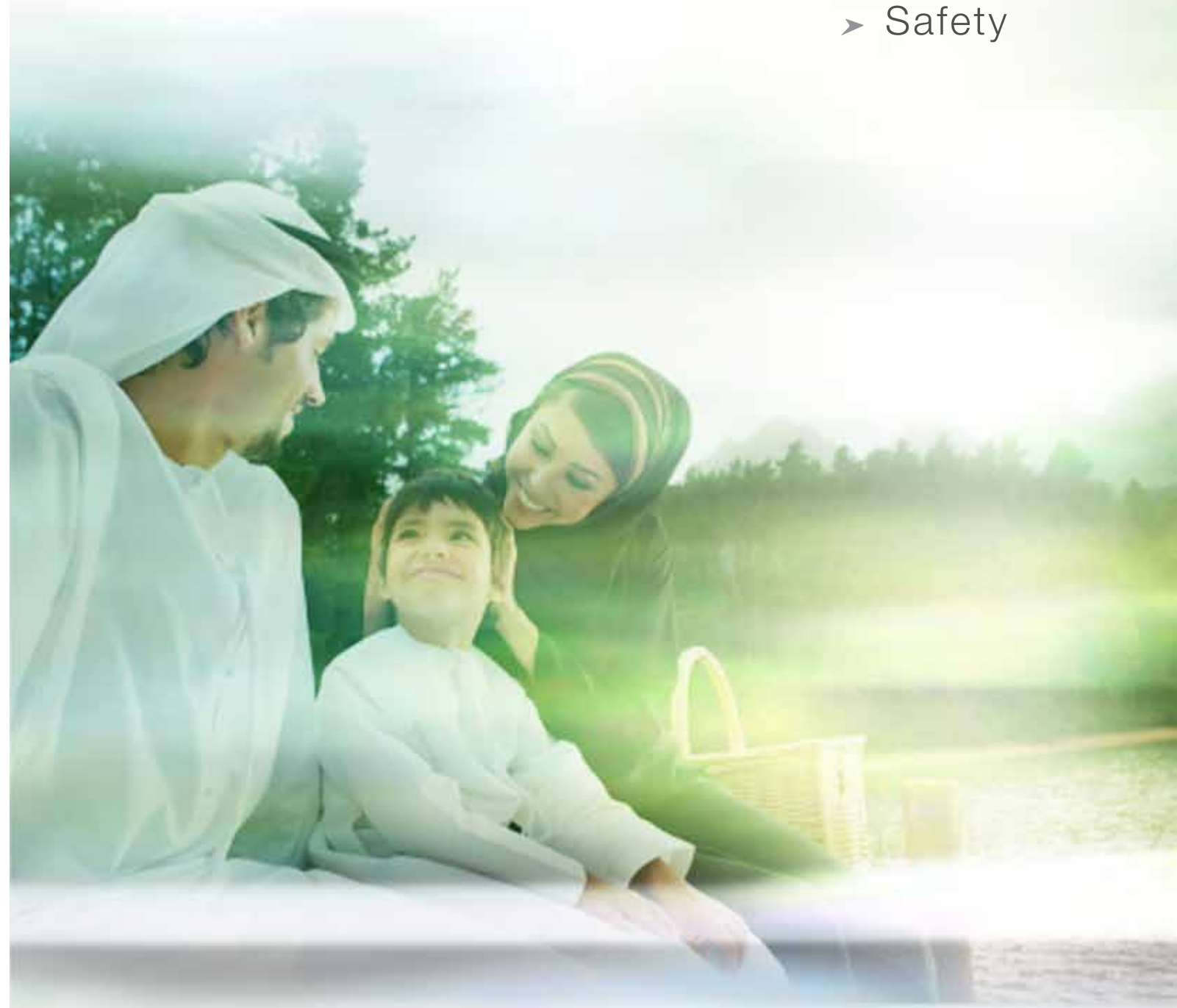
ACCESSORIES CATALOGUE



MONTANA

ACCESSORIES CATALOGUE

- Serenity
- Comfort
- Aesthetics
- Safety





MONTANA

ACCESSORIES

- UNIVERSAL BLOCK
- INTERNAL COVER HANDLE
- SHELL HANDLE
- CURVED HANDLE
- OUTER HANDLE WITH KEY
- MULTI LOCKING POINT MECHANISM
- ROLLERS
- TEST RESULTS

The MONTANA concept comes with a universal locking block and a variety of front mounted handles.

This creative space gives you the flexibility to express yourself through aesthetically designed equipment for sliding doors and windows.

MONTANA integrates **comfort, security, aesthetic, ergonomics and attractive color scheme.**

“TAKOTAK”, the patented system for locking combines rapid mounting with the simplicity of installation onsite; the front face clips on and the handle screws onto the locking block easily.

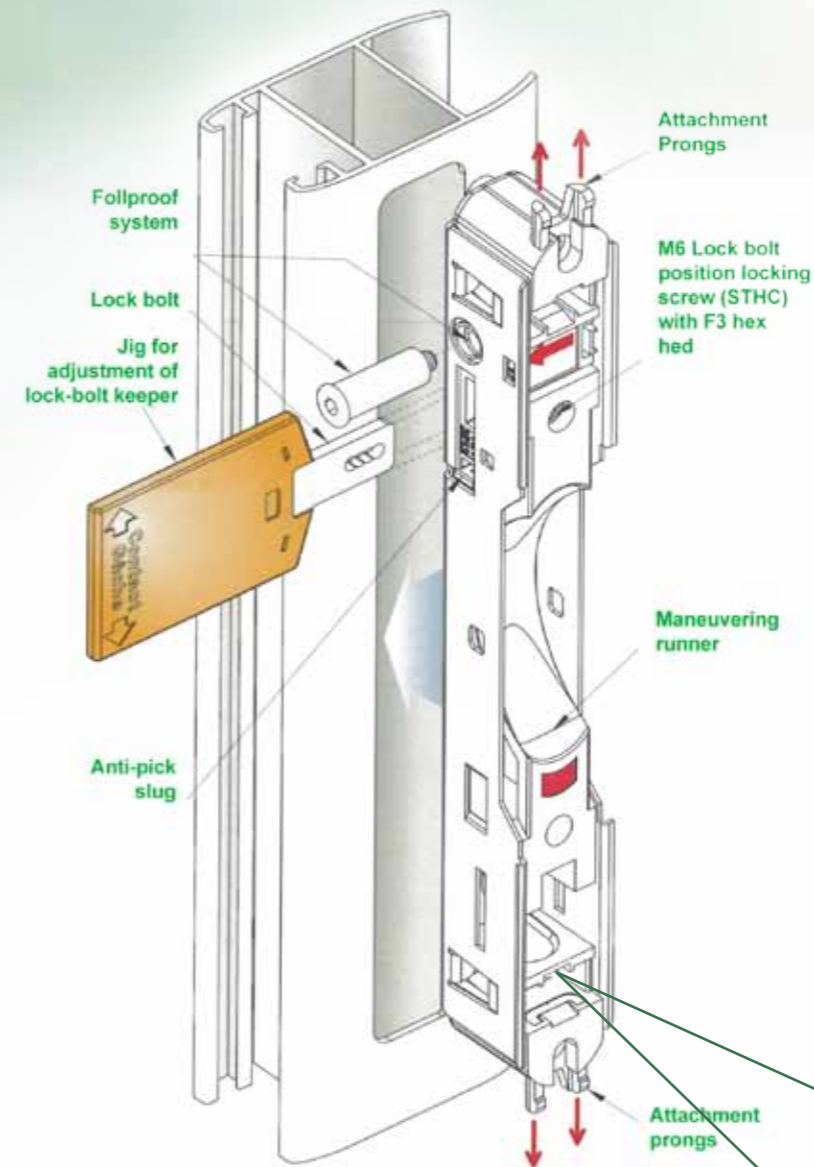
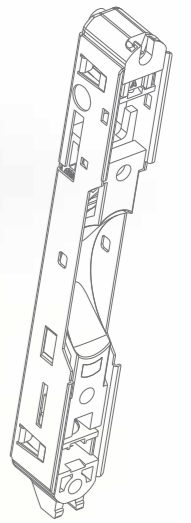
The Standard groove adapts easily to current formed plastic and even allows renovation of existing door- and window- frames to be carried out on site.



The
REVOLUTION

UNIVERSAL BLOCK

BSM / BSA



INSTALLATION OF THE UNIVERSAL LOCKING BLOCK

An absolute universal lock for sliding doors and windows

Manual or automatic, the universal locking block joined with the line of the front mounted handles provide a wide array of technical and aesthetic assemblies that are hard to obtain even up to now..

- Quick and simple patented fixing system "TAKOTAK"
- Locking block made from A2 stainless steel
- Tested and approved for 10,000 cycles
- Holding power: more than 200 daN
- Allows for immediate isolation of worksite from outside air (works without face mounted handle)
- Comes with jig for rapid adjustment of the locking-bolt keeper on the worksite
- Rapid self-adjustment of locking bolt



EASY
to adjust on the worksite

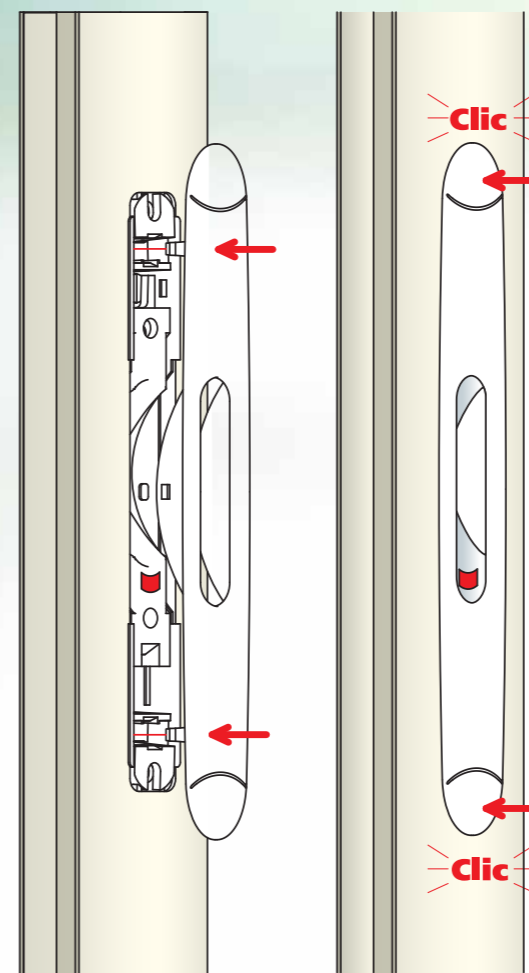
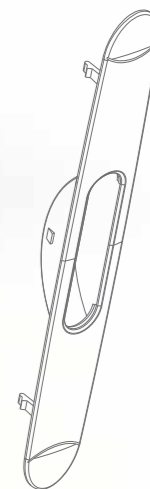
RAPID
to install

SERENITY



INTERNAL COVER HANDLE

FAI



INSTALLATION OF THE INTERNAL COVER HANDLE



Simplicity of handling:

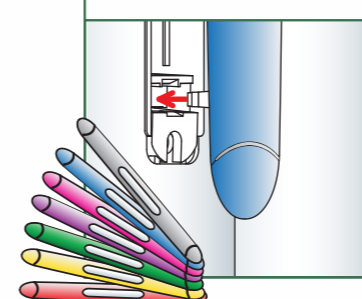
Sliding doors and windows open effortlessly with the touch of your fingertips.

The inside front face clip attaches in a matter of seconds and is very easy to install. It also gives you the pleasure to choose from our complete line of colors.

- High tech composite material (LMDS)
- Powdered thermo-lacquering; identical to lacquered aluminum profile
- Front face clip onto the universal locking block
- Innovative design
- Ergonomically adapted to hands of all shapes and sizes

HOW PRACTICAL

to be able to choose the color at the last minute!



A large selection of RAL colors



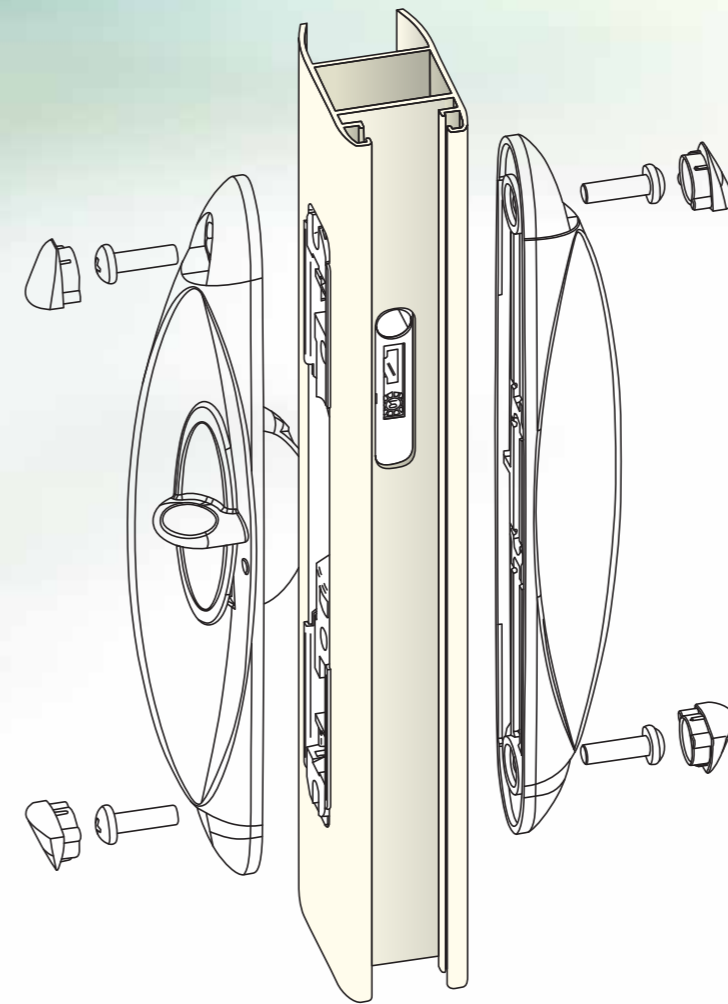
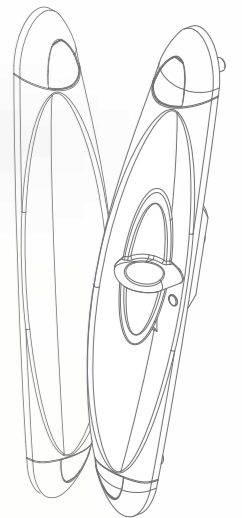
COLOR
COORDINATE YOUR DESIRES

AESTHETICS



SHELL HANDLE

PCM



➤ **INSTALLATION OF THE SHELL HANDLE**

Smooth handling:

Refined aesthetics allied with carefully designed ergonomics are your guarantee for inalterable smooth handling.

- Injected alloy
 - Powdered thermo-lacquering, identical to lacquered aluminum profile
 - Attaches onto universal locking block without any additional machining
- Tested and approved for 10,000 cycles

PRACTICAL

to install in the shop or on the site.



A large selection of RAL colors



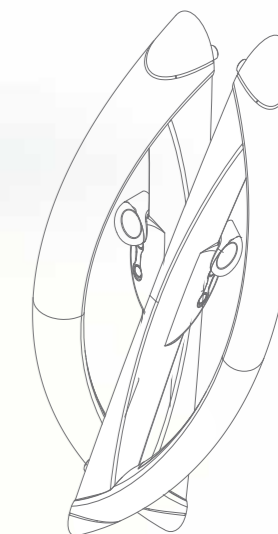
COLOR
COORDINATE YOUR DESIRES

COMFORT

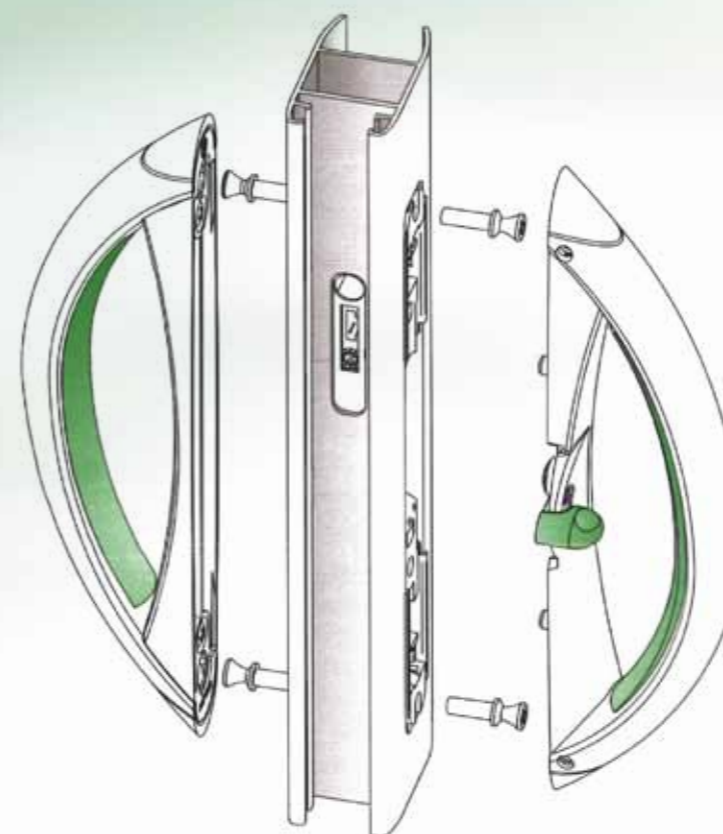


CURVED HANDLE

POM



INSTALLATION OF THE CURVED HANDLE



Delicate handling:

The ergonomics of this handle is designed with the utmost attention to details, made for pleasant grasping and optimum comfort of use. The geared maneuvering lever offers an incomparably smooth and delicate movement.

- Injected alloy
- Powdered thermo-lacquering, identical to lacquered aluminum profile
- Attaches onto universal locking block without additional machining
- Tested and approved for 10,000 cycles
- Specifically designed for heavy duty windows and doors

SOFT TOUCH

Soft material,
pleasant to touch



A large selection of RAL colors



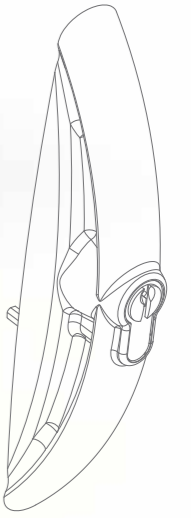
COLOR
COORDINATE YOUR DESIRES

SAFETY

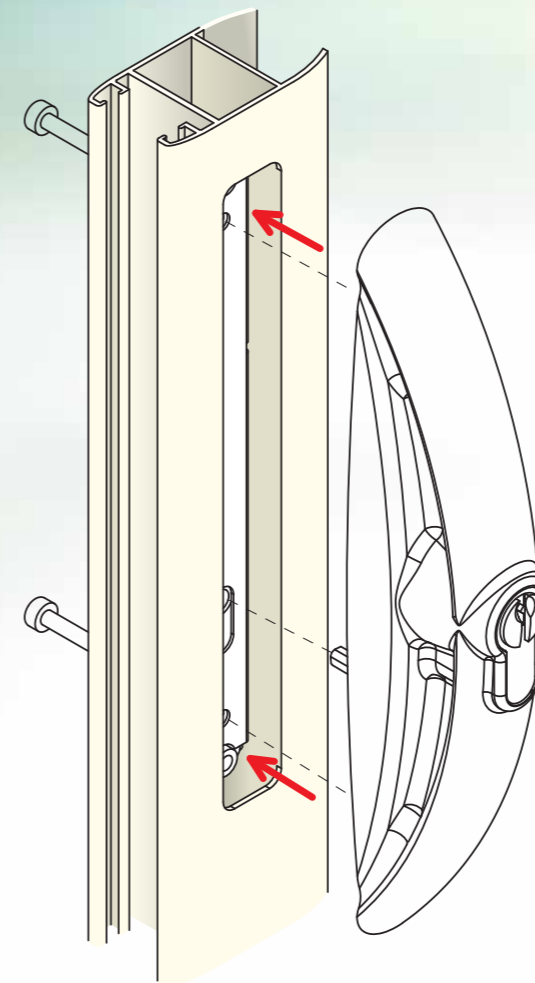


OUTER HANDLE WITH KEY

PEC



INSTALLATION OF THE OUTER HANDLE



Safe handling:

It doesn't only come as a well-designed exterior but with its safe and functional handle with real key-operated lock.

The PEC is compatible with interior MONTANA handles.

- Exterior locking handle made from injected alloy
- Powdered thermo-lacquering, identical to lacquered aluminum profile
- European half-cylinder
- Standard groove machining of aluminum profile
- Attaches onto the universal locking block from the inside (patented system)
- Can operate a MONTANA 2 -and - 3 locking points system



PEAC OF MIND

With this locking handle, you can leave home through the enclosed porch.



A large selection of RAL colors



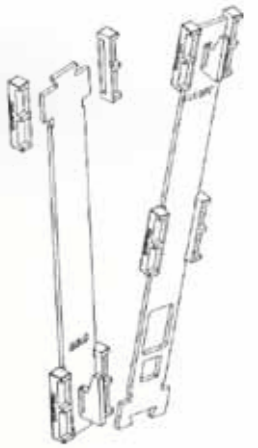
COLOR
COORDINATE YOUR DESIRES

SECURITY

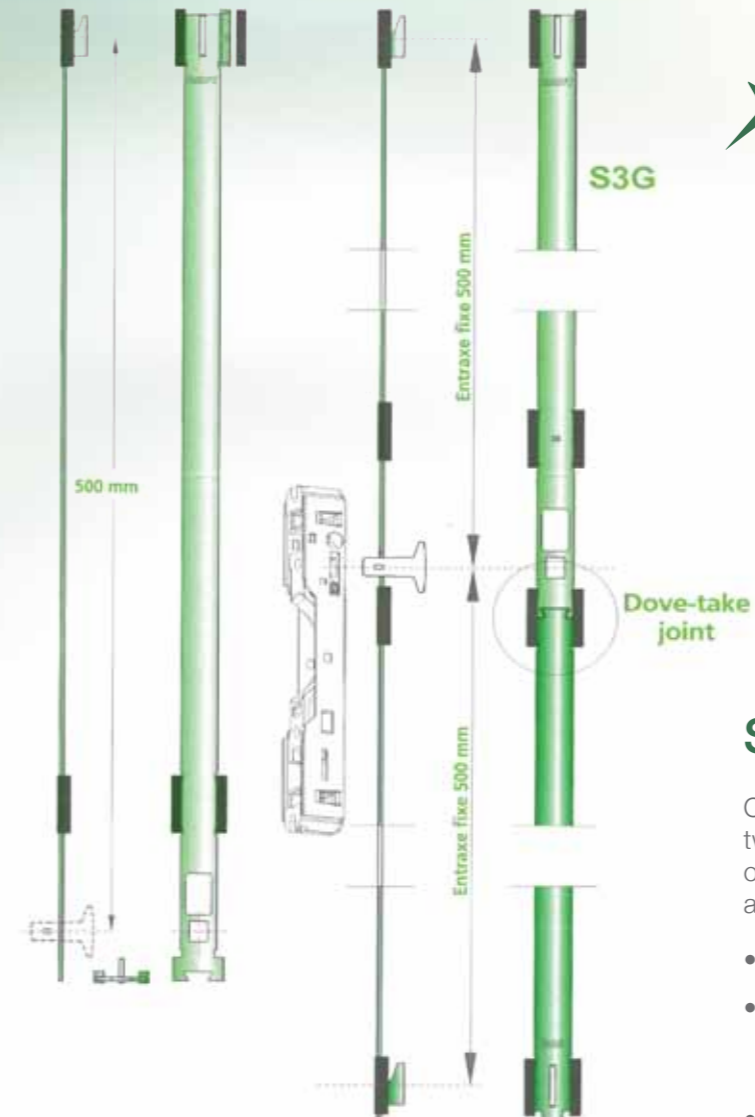


MULTI LOCKING POINT MECHANISM

S3G



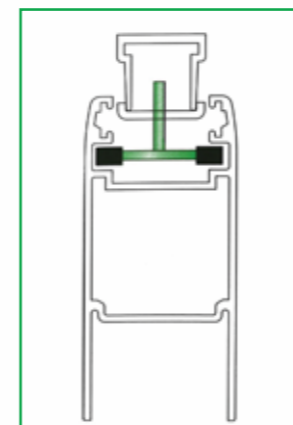
INSTALLATION OF THE MULTI LOCKING POINT HANDLE



Security is Our Standard:

Optimal security comes in different forms: the two-point lock and the three-point lock. It provides optimum protection from burglars and is very quick and easy to mount.

- A2 stainless steel rod
- Polyamide skids (PA 616) adapted to the rebating of the profile (avoids the rupture of the thermally insulated profiles)
- Pulled by the locking block bolt
- Can be mounted very quickly by sliding into the profile. No machining and no adjustment required
- Comes with jigs for quick on site adjustment of lock-bolt keepers
- The two-point lock is particularly well suited for windows and doors
- The three-point lock (achieved by adding a T3G) is for doors only
- Holding power of 200 daN for each bolt

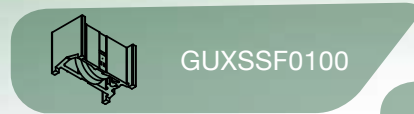


ROLLERS



ROLLERS

ROLLERS



GUXSSF0100



GUXSDF0100



GUXSDR0100



GUXSSF0200



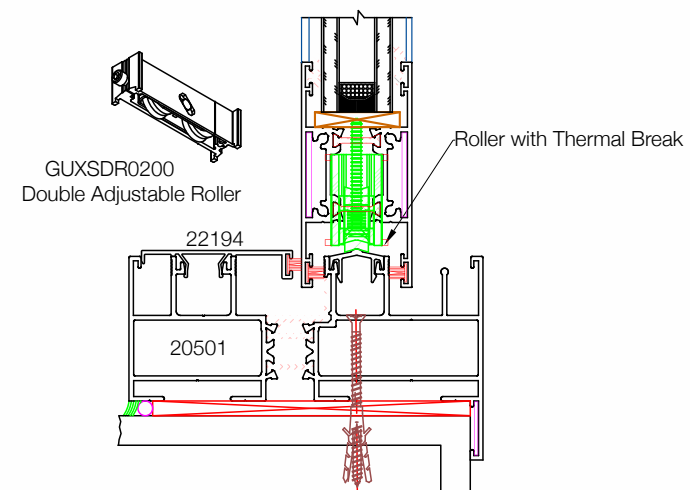
GUXSSR0200



GUXSDF0200



GUXSDR0200



- **Roller block** range in compliance with Standard NF EN 13126 – 15
- Available in Single , double, adjustable or fixed versions. Leaf weight up to 80 kg or 100 kg for the Single Roller Blocks and 160 kg or 200 kg for the Double Roller Blocks.
- Frame: adapts perfectly to the profile contour of Montana Sliding System
- Caliper: Rollers are designed to receive pins of different diameters in order to with stand heavy weights
- Needle bearing: special bearing made from steel 100c6 to withstand a load of 160kg per leaf
- Bearing protected by special waterproof grease for humid and marine environments
- Models

Single fixed: weight per leaf: 80kg or 100kg
 Single adjustable: weight per leaf: 80kg or 100kg. Adjustment: +/- 2.00 mm.

Double Fixed: weight per leaf: 160kg or 200kg
 Double adjustable: weight per leaf: 160kg or 200kg. Adjustment: +/- 2.00 mm.



TEST RESULTS

Montana Products	Type of test	Test description	Results / rqs	Material
BSM + bolt	Tearing test	Tear-out of the bolt on the BSM	200kg mini	Steel EZ
Bolt S2	Tearing test	Tear-out of the bolt on the rod	200kg mini	Steel TSS
Bolt T3	Tearing test	Tear-out of the bolt on the rod	200kg mini	Steel TSS
BSM + bolt	Tearing test	Forced opening of the leaf on the tested unit	200kg mini	-
Lock-bolt keepers (all types)	Tearing test	Forced opening of the leaf on the tested unit	200kg mini	"Anodized aluminum"
BSM	Extraction test	Application of a progressive effort in the back of the locking block	300kg (thickness profile 1,25mm) 700kg (thickness profile 2,15mm)	Steel EZ
FAI	Extraction test	Forced extraction of the front face handle	40kg mini	LMDS
POM	Extraction test	Application of a progressive effort on the handle, parallel to the movement	600kg mini	Zamak
BSM + FAI + AFM + S2	Endurance test	Open / lock of the mechanism	15000 cycles	LMDS
BSM + FAI + AFM	Endurance test	Open / lock of the mechanism	15000 cycles	LMDS
BSA + FAI + AFM	Endurance test	Open / lock of the mechanism	15000 cycles	LMDS
BSM + PCM	Endurance test	Open / lock of the mechanism	15000 cycles	Zamak
BSM + POM	Endurance test	Open / lock of the mechanism	15000 cycles	Zamak
BSM + PCF + FAI	Endurance test	Open / lock of the mechanism	15000 cycles	Zamak
BSM + POF + FAI	Endurance test	Open / lock of the mechanism	15000 cycles	Zamak
BSM + PEC + FAI	Endurance test	Open/lock of mechanism - BSM	15000 cycles	Zamak

TEST RESULTS

Montana Products	Type of test	Test description	Results / rqs	Material
BSM + PEC + FAI	Endurance test	Open/lock of the mechanism by PEC	15000 cycles	Zamak
BSM + PEC + FAI	Endurance test	Open / lock of the mechanism	15000 cycles	Zamak
BSM + PEC + POM + S3	Endurance test	Open / lock of the mechanism	15000 cycles	Zamak
BSM + PIC	Endurance test	Open / lock of the mechanism by PIC	15000 cycles	Zamak
JOINT STOP	Endurance test	Open / lock of the leaf with repeated shocks on the stopper	15000 cycles	Zamak
BSM + FAI	Anti false manoeuver test	Sudden lock of the leaf while block is in locked position	Functional lock	LMDS
BSM + POM	Anti false manoeuver test	Sudden lock of the leaf while block is in locked position	Functional lock	Zamak
BSM + PCM	Anti false manoeuver test	Sudden lock of the leaf while block is in locked position	Functional lock	Zamak
Montana : all products	Salt spary test	240 hours in environment of salt spray according to NF IN 1670	Feature of degree 4	-
"Customer specific adaptation"	Test of functional validation	Assembly of all locking systems on leafs and frames of Montana	Functional lock	-

Certificate of conformity according to norm NFL0015B