



TECHNOLOGY IN MOTION

# Hidden strength The concealed hinge side

MACO Multi Power



TIMBER  
PVC  
ALUMINIUM

Completely concealed

# MULTI POWER

THE INVISIBLE POWER

If window aesthetics is the most important factor, then opt for a real design solution: the MACO Multi Power hinge side has no visible hardware when the window is closed. This makes it possible to achieve extremely streamlined, flush frames – without sacrificing either function or security. The Multi Power concealed hinge side can lift massive weights, and easily supports even triple-sash windows.



# Multi Power

## Your benefits as a fabricator



### Supports heavy loads

Windows and balcony doors are getting heavier and heavier. Thick glazing delivers sound and heat protection and, when combined with Multi Power, is highly aesthetic.



### Durable – thanks to extreme corrosion protection

Our Tricoat-Evo high-end surface ensures durability and weather resistance, including with Accoya and acidic woods. It excels in buildings in coastal areas those for industrial and agricultural use, and for spas.



### Extendable

With the MACO load transfer device for Multi Power, you can handle balcony doors with a sash weight of up to 180 kg.



### Time saving

Multi Power speeds your process: you receive documentation for all common PVC and aluminium profiles for smooth striker plate assembly. Even coupling the load transfer device is easy: simply mount the sash – no further adjustments are needed.



### Simple

Pre-drill, insert, screw in - it's that simple, thanks to jigs. With MACO, you don't need any positioning pins or any additional drilling.



### Adjustable

Multi Power can be adjusted (three-dimensionally) in all three directions. The step rivet enables lateral adjustment in the scissor stay for extra security, as no self-adjustment is possible.

# Infinite strength

## Versatile use

A concealed hinge side that always fits: whether you're dealing with a standard window, a double-or multi-sashed window, or a security or flush-mounted window. Whatever the requirement, MACO Multi Power fits perfectly.

Double-sash window



Single-sash tilt-and-turn window



Security window



Multi-sash window



Balcony door with threshold



Window with night vent

# (In)visible features ... ... convince your customers



Flush mounted



Aesthetic



Easy to clean



Strong



Low maintenance



Concealed hinges



Visible hinges



# Multi Power clampable for aluminium

Multi Power clampable is a concealed fitting for aluminium windows with a 16 mm fitting groove. Its use of clamps instead of screws makes it easy to install. It can handle sash weights of up to 120 kilograms and French windows up to 150 kilograms, depending on the profile.



Multi Power clampable

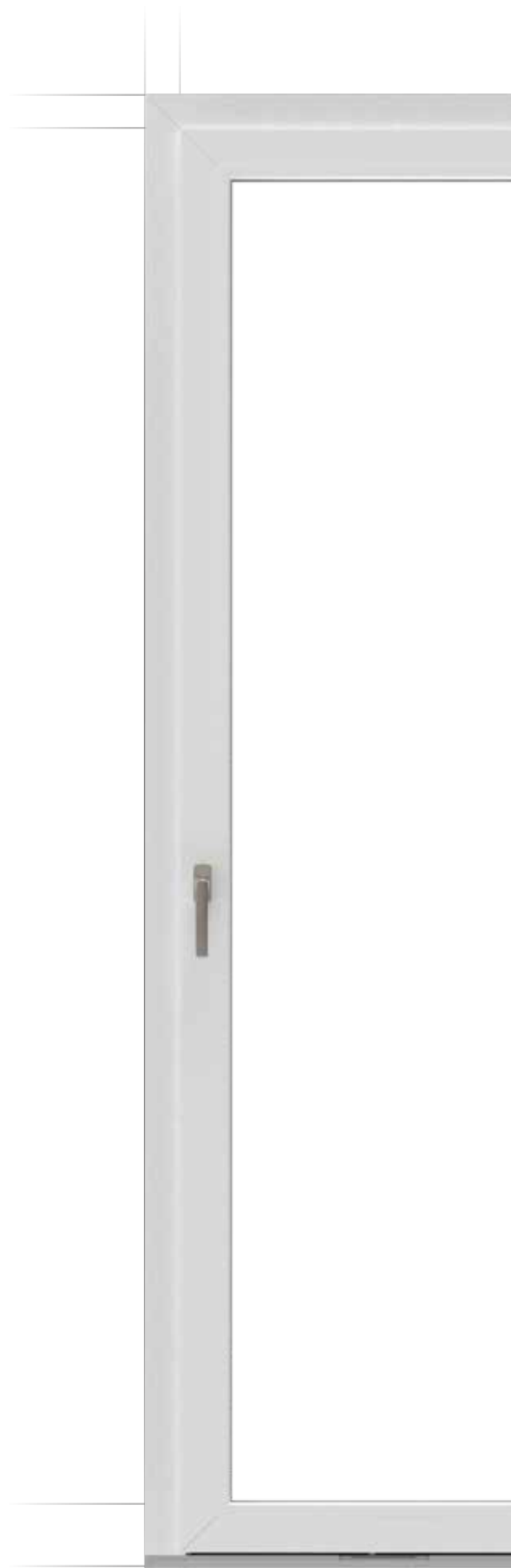
# MACO load transfer device

## Expands your options

The load transfer device from MACO is perfect for use with balcony and patio doors that let in a lot of light. With this device you can fabricate balcony doors up to 180 kilograms and with a concealed hinge side. The load transfer device is easily installed thanks to the drilling jig – even when retrofitting. An additional advantage is the simple, "mount and go" procedure for the sash. The load transfer device also relieves stress on the pivot post, which vastly lengthens its service life.



Threshold with  
PVC frame profile







### **For accessibility**

You can also use our load transfer device with thresholds without any limitations.



**Threshold with  
timber frame profile**

## Minimalist beauty

# Slim frame profiles

What else does Multi Power offer? The hinge side allows you to fabricate ultra-slim window frames with widths of only about one centimetre. This delivers a completely new aesthetic, which can also be implemented in security class RC 2 windows. This solution is ideal for flush-mounted timber profiles with a rebate depth of 24 millimetres and a frame profile of ten millimetres. Only one additional item – a tensioning plate – is required for this.



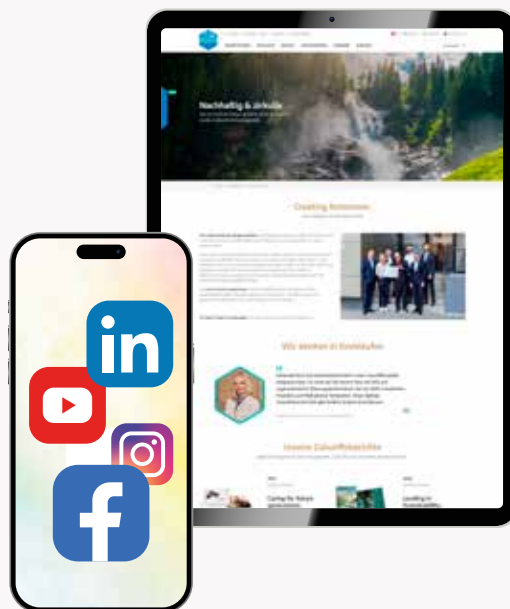


### General application areas for Multi Power

- › For timber, PVC and aluminium with 16 mm Eurogroove
- › For stepped or flush-mounted window systems with a minimum 4 mm shadow gap
- › Convertible for single, double or multi-sash elements, windows up to 130 kg sash weight, balcony doors up to 150 kg sash weight (up to 180 kg with load transfer device)
- › Suitable for tilt and turn, turn and tilt, turn-only and tilt-only elements
- › Night-vent possible
- › Burglary resistant up to RC 3 resistance class
- › Sash rebate width from 270 to 1,650 mm, sash rebate height from 360 to 2,800 mm
- › For 9 and 13 mm Eurogroove offset

# Would you like everything from a single source?

We provide you with hardware solutions for your large surfaces, windows and doors – for timber, PVC and aluminium. Experience our versatile range of systems, with comprehensive service included. Discover more on our website [www.maco.eu](http://www.maco.eu) or contact your MACO customer advisor. Follow us on social media for the latest news.



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