



BAU press release

January 2017

Barrier-free construction

Convenience for all circumstances and stages of life

Living self-sufficiently and having self-determination means being able to remain in your own four walls for as long as possible. Future-proof living concepts for a range of age groups are therefore more important than ever. Skylights must be equally accessible for both the young and the old. As the passage from inside to outside, the threshold must be planned so that it is suitable and trip-free for every generation, whether that means a child's trike or a walking frame. High functionality components and easy operation are relevant whatever your age.

Flat revolution. MULTI ZERO for zero barrier thresholds



Zero, zilch, zip, nada, nothing protrudes at all. Previously, 20 mm thresholds were regarded as barrier-free according to standards. Now MACO is now presenting the locking hook for an absolutely flush-fit threshold with no compromises: nothing short of zero millimetres will do, making it trip-free for children's trikes, walking frames or wheelchairs. MACO's stepless innovation meets the needs of every generation and ensures a completely barrier-free design.

Another MULTI-talent from MACO!

Image: MACO. Thanks to MULTI ZERO zero barrier

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Images: MACO
Reference copy requested

Barrier-free re-defined

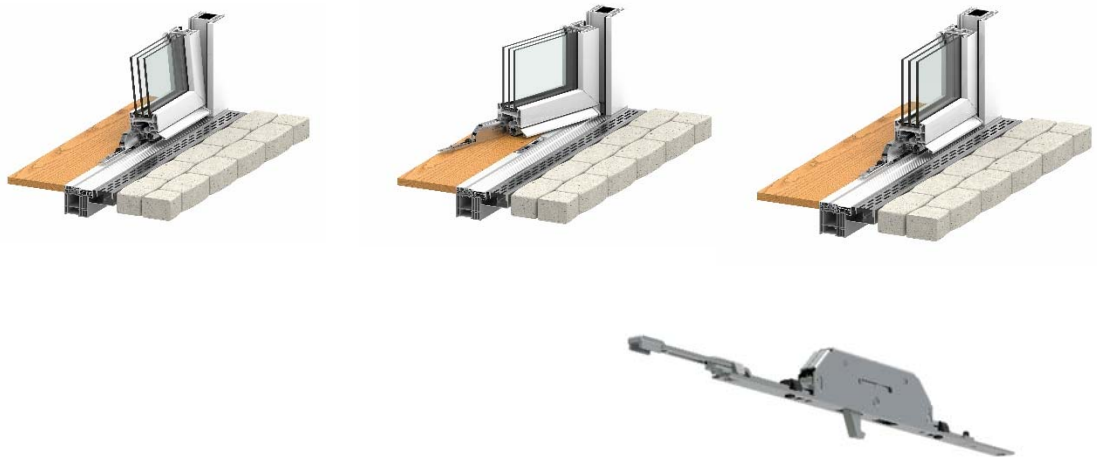
Driven by German industrial standard 18040 for barrier-free construction, MACO is the first in the industry to offer this solution for a fully barrier-free design with lock and tilt option in the threshold. MACO is redefining "barrier-free" design and offering a unique technical solution which makes it possible to create professional thresholdless transitions without any obstacles.



Security and convenience

With locking and tilt function, MULTI ZERO meets the highest security standards for casement doors. The smart locking hook integrated into the sash extends when the sash is tilted and locked, similar to a door lock, and engages into the striker plate, which is countersunk in the threshold, from above. Sash and threshold are thereby firmly connected to one another when the unit is locked and meet all requirements for water and air-tightness. A system test for RC 2 burglary resistance has already been passed internally and external testing is in process.

It goes without saying that optimum functionality is retained on what is, to date, an unrivalled solution. The casement door can be tilted and locked and can easily be combined with any visible MACO hinge-side.



Barrier-free re-defined.
The zero-barrier threshold with locking hook in the ground for a unique tilt and locking option.
Trip-free and suitable for every generation.

Image: MACO (Bd_MACO_Multi_Nullbarriere_Bodenschwelle.jpg)
Image: MACO (Bd_MACO_Multi_Hakenverschluss_für_Bodenschwelle.jpg)

Open skylights quickly and easily



Image: fotolia

Straining and stretching or awkwardly cranking a rod to open a skylight? It doesn't have to be this way. With MULTI SKY, MACO presents an innovative operating concept to make life easier. The skylight is tilted quickly and easily using the handle for the central window and can even be fully opened if required. A

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huge plus when it comes to cleaning. Skylights open up design possibilities and, in terms of ventilation, they are ideal for rooms with high ceilings and large window facades.

MACO MULTI Sky: turn below, tilt above

Up until now, skylights have been operated with a surface-mounted linkage or motor-driven. However, the visible hardware neither has a pleasant appearance nor is it easy to maintain and the electric drive units are an expensive solution overall. MACO skylights are therefore operated using the central window handle: turn below, tilt above. With just a handle or window handle, the skylight sash is tilted for ventilation with the familiar “turn and tilt” sequence of operation or it can be fully opened. Any clamping on a lever in the reveal is thereby prevented. When the window handle is in the turning position is it still possible to open the central sash as usual.

Security with convenience

Thanks to its elevated position, the skylight is ideal for providing ventilation and its central locking system with locking at several points ensures it is highly secure and fully sealed.

Focus on design

Not only is the concealed MULTI SKY the right solution when it comes to security, it also ticks all the right boxes in terms of simplicity and elegance for the discerning world of design-conscious buyers. The frame is not defaced by protruding parts or other operating mechanisms, instead it is flat and free from embellishment, pleasing to the eye and easy to maintain. The additional inward turning position of the skylight also plays a key role in terms of manageability.

In combination with a threshold, this solution is also suitable for casement doors. The central window can thereby be realised as a 1-sashed or 2-sashed rotating element.

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TECHNIK DIE BEWEGT



Image: MULTI SKY, for effortless skylight operation from the central handle.

(Concealed hardware between the central sash and skylight sash)

Image: MACO (Bd_MACO_Multi_Sky.jpg)

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