TECHNOLOGY IN MOTION

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MACO MULTI SKY

Skylight operating concept

MULTI TILT AND TURN HARDWARE

OPEN SKYLIGHTS QUICKLY AND EASILY



MULTI SKY is MACO's innovative operating concept with concealed components for opening skylights. These can be operated quickly and easily using the central window handle: turn below, open above. No more straining and stretching and no more annoying connecting rods. With just one handle or window handle (on the central window) the upper sash is tilted for ventilation using the usual "turn and tilt" sequence of operation. In contrast to conventional skylights, the skylight sash can also be fully opened. This maximises air exchange for ventilation and makes it significantly easier to clean the outside glass. The kinematics in the frame are also designed with easy cleaning in mind: there are no protruding, visible surface-mounted parts. This makes skylights highly attractive in terms of design and opens up the range of creative possibilities. Provide ventilation with just one handle, take advantage of an additional ventilation option, an impressive look, easy cleaning and security that you can trust – this is MULTI SKY.

YOUR ADVANTAGES AS A WINDOW MANUFACTURER

- Stand out from the competition, as MULTI SKY is a unique skylight solution on the market
- Easy fabrication with familiar central locking components
- Suitable for standard timber and PVC profiles (stop and centre seal systems)
- Widening of the frame is not necessary, as no space is required for surface-mounted operating elements
- Low logistic effort with just 2 packages for all applications
- Delivery contents includes skylight kinematics plus the necessary central locking parts
- Easier installation thanks to extensive, detailed technical documents



MECHANICAL COMPONENTS
ARE CONCEALED IN THE FRAME
PROVIDING UNRIVALLED AESTHETICS.

BENEFITS FOR THE END USER

- Unchanged quick and easy operation with the familiar “turn and tilt” sequence of operation
- Mechanical components are concealed within the frame providing unrivalled aesthetics, easy cleaning and narrow frame views
- Additional turning position fully opens the sash, making cleaning easier
- Highly secure thanks to multi-point central locking system
- Greater impermeability and improved sound insulation thanks to the central locking system
- Special protection during ventilation due to the elevated position of the skylight sash
- Central sash also possible as version with threshold
- Perfect ventilation as the warm air under the ceiling escapes thanks to the elevated position
- Same maintenance interval as all other hardware components



TECHNICAL APPLICATION RANGE

- For MULTI-MATIC hardware range
- Max. skylight sash weight 30 kg
- Max. sash format up to 1 m^2
- Max. S.R.W./S.R.H. ratio is 2:1
- For timber, timber/aluminium, PVC and PVC/aluminium
- Central window 1-sashed or 2-sashed skylight window 1-sashed
- Central sash in rectangular rotary element version
- Weight and format of the central window depends on hinge-side
- Application ranges
  S.R.W. 600 - 1,300 mm
  S.R.H. 500 - 800 mm
- For all visible hinge-sides
- Can also used in combination with threshold for casement doors
- For stop and centre seal systems
- Setting range for height, side and gasket compression depends on hinge-side used
- Tilt depth approx. 95 mm
- For profile systems with 12 mm air gap
- For systems with 13 mm offset of the hardware axis
- For sash profiles with 18 or 20 mm overlap
- For rebate depth of 24 and 30 mm
- Transom thickness/height of at least 42 mm
- 40 mm fitting depth in transom for kinematics

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