

TECHNOLOGY IN MOTION



MACO PROTECT

DOOR LOCKS



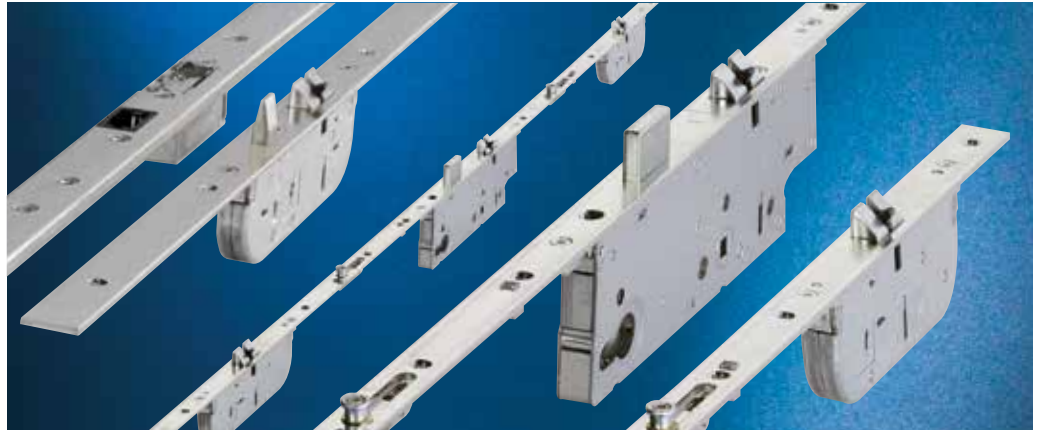
Ideal retention for your doors

Z-TF

CYLINDER-OPERATED
3-LATCH LOCK



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When noise stays out and the heat stays in

Conventional locks use only one latch to hold the doors.

The gasket-compression of the door sash then not always ideal at the corners of such doors. The MACO Z-TF has two additional multifunctional latches to complement the standard latch and produce an optimal, permanent gasket-compression over the entire height of the door. Immediately after closing, the door leaf is held securely and reliably at the three points, without the need for additional locking. Additional security is provided by the 2 or 4 i.S. security roller cams (RC2) and the solid deadbolt. There are six to eight retention points where the door leaf is held.



**Optimal gasket-compression
over the entire door height**



Ideal combinations of functions that know no compromise



Multifunctional latches

- In combination with the two i.S. security roller cams, these complement the standard, centre-fitted soft latch and locking bar. The integrated, infinitely-adjustable push-back safeguard adapts automatically to the air gap and prevents the multifunctional latches from being pushed back.
- From an energy viewpoint, the two multifunctional latches, in combination with the locking bar that is fitted as standard, produce a better seal and bring enhanced acoustic and thermal protection



i.S. security roller cams

- The .S. security roller cam automatically adapts to the door clearance in the range from 10 to 14 mm.
- The two +/- 1 mm adjustable i.S. security roller cams ensure continuously adjustable gasket-compression. In addition to the solid steel plate in the deadbolt area for the latch and deadbolt striker, they provide a long-term enhancement for the security potential offered by the Z-TF lock solution.

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Z-TF – security for all doors



Tested security

The Z-TF door lock with 4 i.S. security roller cams is tested to EN 1627-30 RC 2 and in accordance with the Dutch SKG Standard.

- Additional 2 i.S. security roller cams for security up to RC2
- Implement different door heights
- Also implement with single-piece striker plates



Small door clearance



The Z-TF multifunctional latch-bolt combination is the right solution for door systems that have no fittings groove and only a small air gap.



The Z-TF solution without i.S. cam

- The multifunctional latch combines with a solid steel bolt
- Available in three different types of timber
- Striker plate adaptations for aluminium, timber and PVC profiles
- Also implements with single-piece striker plates

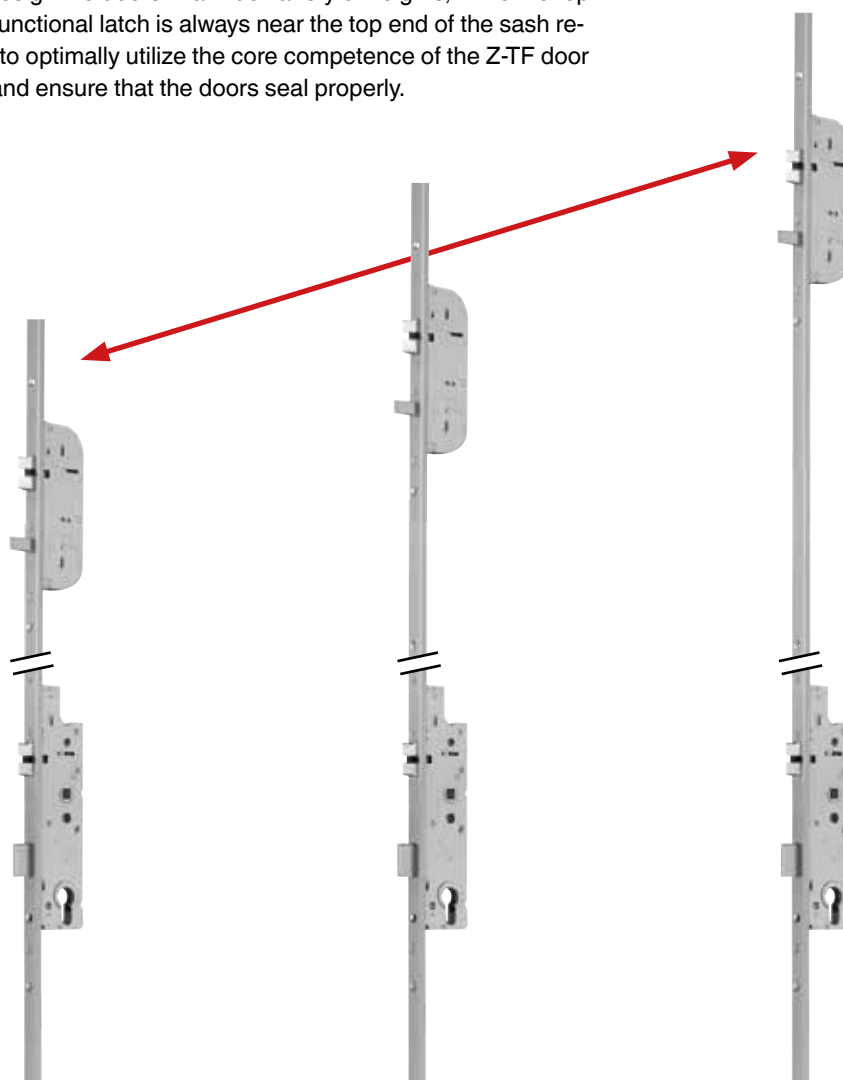
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Suitable for all heights



All Z-TF door locks are available in three different heights. You can design the doors in a wide variety of heights, while the top multifunctional latch is always near the top end of the sash rebate, to optimally utilize the core competence of the Z-TF door lock and ensure that the doors seal properly.





The door is convenient to close



The tried-and-tested locking bar, which is fitted as standard, performs a triple function in this door lock. Your door will close quietly and comfortably.

Locking bars and multifunctional latches

- Soft entry into the latch and deadbolt striker, including a latch striker for easy and quiet door closing
- Use on any side, either on the left or right. One logistic side effect for your logistics is the reduced stockholding requirement



Benefit for project deployment

- Compatibility with conventional, symmetrical electrical openers
- Simply press a button to open the main door conveniently from any flat

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