

TECHNOLOGY IN MOTION

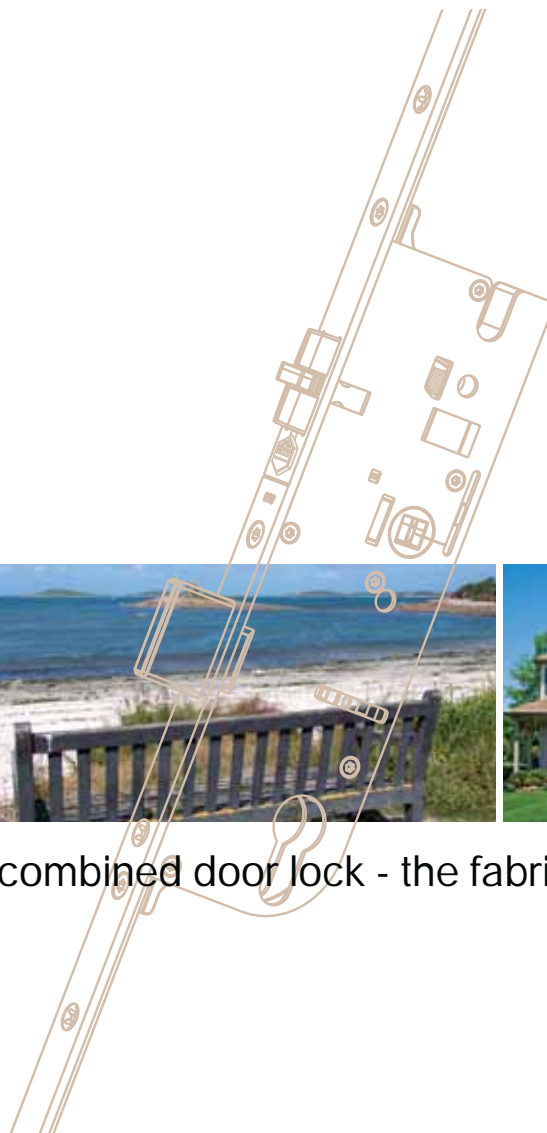


MACO PROTECT DOOR LOCKS



The C-TS combined door lock - the fabricators choice

C-TS DOOR LOCK
FOR PVC, TIMBER
& COMPOSITE



**MACO
PROTECT**



Choosing a locking system that you feel confident enough to put your company's name and reputation to is a very important decision that every factory manager or buyer goes through.

Decisions not only include the cost of the products but which products offer the most cost effectiveness resulting in overall best value. A product that is easy to handle, easy to store, easy to order and easy to install and adjust, giving you and your colleagues the confidence that it will long outlast your door guarantee.

That's why when we designed and developed the MACO C-TS combined door lock we spoke to Paul and many other fabricators just like him, we listened to them and used their valuable feedback within our research and development phases in the UK and in Salzburg, Austria.



C-TS COMBINED DOOR LOCK –
a new generation of innovative door locks.



Combined lift lever and split spindle door lock



The MACO PROTECT C-TS combined door lock enables the fabrication of a wide range of easy to operate door styles from a single multipoint door lock.

- Highly secure multipoint locking system
- Single function lock for use as a lift lever or split spindle operated door lock
- Smaller compact central lockcase
- The dead bolt is operated from the lever handle reducing the force required to lock the door
- MACO easy latch reduces noise and the force required to latch the door
- MACO easy latch release ensures a simple reversal process without the need for tools
- The spindle pack controls the function of the lock:
 - Solid spindle bar = lever function
 - Split spindle pack = split spindle function



Combined lift lever and split spindle door lock



Further features of the MACO PROTECT C-TS combined door lock.

- Non handed lock design
- Reduced operating forces through
 - Increased handle movement
 - MACO 'D' drive technology
- Suitable for both sprung and unsprung handle sets
- Can be used with two and three screw fixing handles
- Forged steel dead locking hook bolts
- Passive hook design for security and not weather performance
- Compression and weather performance via MACO standard locking cams
- Small compact hook case design





Setting new standards in door lock technology



The MACO PROTECT C-TS combined door lock is setting new performance standards for doors fitted with multipoint door locks.

- Combined easy to adjust hook and cam profile related striker plates
- High levels of adjustability through adjustable striker plates and locking cams
- Reduced hook cut out within the striker plates increases the security performance
- Security can be further increased with top and bottom shootbolts
- Reduced machine time through smaller lockcase designs
- High stability through a 3mm thick faceplate, available in widths of 16mm and 20mm
- Faceplate lengths available 2200mm for single doors and 1800mm for double doors
- Endurance tested to 50,000 operations
- PAS24-2012 security tested
- Available to suit doors manufactured from PVC, Timber and Composite materials
- MACO silver look surface treatment tested to 480 hours Class 5 EN 1670 corrosion resistance
- Available in MACO TriCOAT Plus surface technology tested in excess of 2000 hours Class 5 EN 1670 corrosion resistance
- 10 year product warranty



Unique strike design



For PVC and 12mm air gap timber and composite doors MACO have developed a new range of combined hook and cam striker plates.

Cams are located next to steel hooks and the gasket compression is achieved through the cams, the hooks act as a passive security device and do not have any responsibility for compressing the weather seals. The result is a high performing, high security door that operates with the lightest of forces and its operation is the same for 2 or 4 cam door locks.

The C-TS combined hook and cam strike gives unrivalled levels of adjustment, the gasket compression can be easily adjusted by +/- 1.5mm using a 4mm allen key, a further adjustment of +/- 0.75mm comes from the locking cam, difficult to operate doors will be a thing of the past.



C-TS combined hook and cam strikers




- Security performance comes as standard with the C-TS door lock
 - forged steel hooks maximise the security performance
 - 4 mm thick steel striker plates ensure PAS24 performance has been designed into every door fitted with a C-TS combined door lock
- All MACO C-TS striker plates are dedicated for the profile system that you are using, this guarantees the doors performance first time, every time
- Production is further simplified as the C-TS striker plates come fully assembled, you do not have to order and fit separate packers. This in turn helps reduce the number of order lines and reduces stock holding
- Available in the following door lock styles
 - 2 hook and 4 cam
 - 2 hook and 2 cam
 - 2 hook
 - 4 cam
 - Top and bottom shootbolts can be fitted to these locks
- C-TS combined door locks are available in 35mm and 45mm backsets
- C-TS combined door locks come in 16mm and 20mm faceplate options
- Suitable for use with two or three screw fixing handle sets with or without springs

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