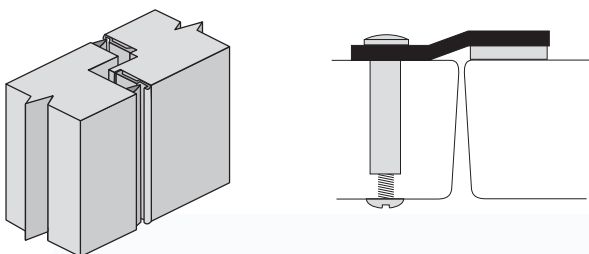


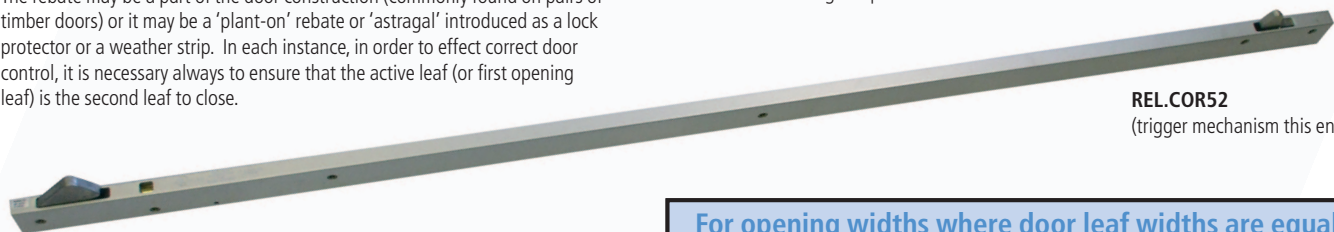
### Type C - Heavy Duty Mechanical Door Controls

#### REL.COR Coordinators (or Door Selectors) - Bar Coordinators and Filler Bars

REL.COR series coordinators are designed for use on pairs of single action doors where leaves must close in the correct order. This type of door arrangement is often referred to as a rebated pair of doors.



The rebate may be a part of the door construction (commonly found on pairs of timber doors) or it may be a 'plant-on' rebate or 'astragal' introduced as a lock protector or a weather strip. In each instance, in order to effect correct door control, it is necessary always to ensure that the active leaf (or first opening leaf) is the second leaf to close.



REL.COR52  
(trigger mechanism this end)

#### Basic Principles

Unlike traditional drop-arm (or gravity) door coordinators all REL.COR coordinators are 'Bar' type coordinators - where the mechanism is concealed within a full length channel and fixed to the underside of the stop on the push side face of a pair of doors.

All REL.COR units function easily. The active leaf lever, located nearest to the active leaf jamb, holds the active leaf ajar until this lever is released by the closing of the inactive leaf against the trigger mechanism (See above).

At this point the inactive leaf has necessarily passed the potential obstruction posed by the active leaf during its closing arc, and the active leaf cannot now close before it.

#### Where To Use

Coordinators should be specified for use on all rebated pairs of doors (See above) where door closers are controlling both leaves and where it is possible to open either leaf independently or both leaves simultaneously.

Doors of this type, not controlled with coordinators, have the potential to close in the incorrect order, leaving one door slightly ajar and (usually) both doors insecure (i.e. unlocked).

In particular, exterior (or perimeter) doors, fitted with escape hardware, are vulnerable if they double as access control doors and are necessarily equipped with door closers\*.

\* Doors fitted with surface overhead door closers require special attention ensuring that the two types of hardware do not clash or impede one another in their normal operation.

#### Standard Features & Benefits

- **Override Feature** - All units are equipped with an override feature allowing the active door to close under extreme pressure, protecting the mechanism
- **Compatibility** - All units are compatible with Relcross overhead door closers and manual & automatic flush bolts (consult the sales office for templates and layout information)
- **Versatility** - The REL.COR series is available in five sizes for variable door opening widths
- **Low Profile** - Continuous channels and filler bars maintain architecturally clean lines along the entire length of the stop
- **Aluminium Construction** - Powder coating or plating matches all design requirements

For opening widths where door leaf widths are equal		
Coordinator Reference	Length of Channel	For Opening Widths
REL.COR32	813mm	864mm - 1321mm
REL.COR42	1067mm	1321mm - 1829mm
REL.COR52	1321mm	1575mm - 2337mm
REL.COR60	1524mm	1778mm - 2743mm
REL.COR72	1829mm	2134mm - 3353mm

#### REL.FL Series Filler Bars

Filler bars are used where the REL.COR channel does not extend across the entire width of the pair of doors, i.e. jamb to jamb on the push side face.

Product Ref. ≠	Length
REL.FL20	508mm
REL.FL32	813mm
REL.FL44	1118mm

- REL.FL Filler Bars are available in three sizes to suit variable frame openings
- REL.FL Filler Bars are constructed from hollow aluminium channel and are furnished normally in a US28 powder coated silver finish. They are also available in US26D satin chrome and 315AN black anodized aluminium
- REL.FL Filler Bars are cut on site to suit the opening

Dimensions: 41mm wide x 16mm deep x Ordered Length.