

# SCIF Lock Compatibility Information For Overly Acoustical Doors

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The information provided below is a summary of compatibility of locks approved for use on SCIF specified acoustical openings with the gasketing systems available from Overly Door Company.

## Lockmasters 10K Devices

Door Types – This locking device can be used on both Overly metal and wood acoustical door models based on the Door Gasketing Compatibility information provided below.

Door Panel Preparation – Per Lockmasters recommendation, Overly **does not** pre-punch the door faces for this lock. Door panels will be reinforced per lock manufacturers requirements. All mounting holes required will be drilled in field by others at time of installation.

Fire Rating Information - Currently, the Lockmasters 10K SCIF lock has been tested to UL10C and rated up to 1-1/2 hrs for use on hollow metal single swing doors up to 48" x 96". The lock is currently not tested approved for use on pairs of fire doors. If pairs of doors with fire ratings using this lock is required, then a mullion must be used between the doors and the hardware required for each leaf must meet the single door requirements above.

Door Wiring – if the Lockmasters 10K lock requires wiring, Overly can provide conduit in the door panel and prepare the door for the use of a wire transfer device in the form of an electric hinge, or electric power transfer (EPT). When an EPT is used in conjunction with cam lift hinges, it is important that the EPT be able to accommodate the rising action of the cam lift hinge. Consult factory for compatible EPT models.

Door Gasketing Compatibility – Overly **does not** recommend the use of this lock with our Single or Dual H compression seals due to the sensitive nature of the lock bolt engagement with the strike. Those who wish to use this lock on these gasketing systems can do so on their own, but, Overly will not guarantee acoustical performance or ensure that the lock will operate properly.

Overly **does** recommend the use of this lock with our double bubble, single and dual magnetic sealing systems for both reverse hand door swings utilizing #2 strike and regular hand swings utilizing a #3 strike. When reverse hand doors are scheduled, Overly provides a strike mounting bracket to mount the strike.

## Sargent & Greenleaf 2890 Devices

Door Types – This locking device can be used on both Overly metal and wood acoustical door models based on the Door Gasketing Compatibility information provided below.

Door Panel Preparation – For this lock, Overly pre-punches the metal door faces and pre-drills the wood door faces per the lock manufacturers template. Door panels will be reinforced per lock manufacturers requirements.

Fire Rating Information - Currently, the Sargent & Greenleaf SCIF lock has been tested to UL10C and rated up to 3 hrs for use on hollow metal single swing doors up to 48" x 96" and pairs up to 96" x 96".

Door Wiring – if the Sargent & Greenleaf 2890 lock requires wiring, Overly can provide conduit in both metal and wood door panels and prepare the door for the use of a wire transfer device in the form of an electric hinge, or electric power transfer (EPT). When an EPT is used in conjunction with cam lift hinges, it is important that the EPT be able to accommodate the rising action of the cam lift hinge. Consult factory for compatible EPT models.

Door Gasketing Compatibility – Overly **does** recommend the use of this lock with our double bubble, single and dual magnetic and single and dual H compression sealing systems for reverse hand door swings utilizing #2 strike and with our double bubble, single H compression and single magnetic sealing systems for regular hand swings utilizing a #3 strike. When reverse hand doors are scheduled, Overly provides a strike mounting bracket to mount the strike.

This lock **cannot** be used on regular hand doors with our dual magnetic and dual H compression sealing systems.

### **Kaba-Mas CDX-10 Auxiliary Deadlock**

Door Types – This deadlock can be used on both Overly metal and wood acoustical door models.

Door Panel Preparation – Per the lock manufacturers recommendation, Overly does not pre-punch the door faces for this lock. Door panels will be reinforced per lock manufacturers requirements. All mounting holes required will be drilled in field by others at time of installation.

Fire Rating Information - Currently, the Kaba-Mas CDX-10 auxiliary deadlock has been tested to UL10C and rated up to 20 minutes for use on hollow metal single swing doors up to 48" x 96" and pairs up to 96" x 96". The use of this lock on any fire door will reduce the UL fire rating of the opening to 20 minutes. This deadlock is not fire rated for use as the only latching point on the door.

Door Gasketing Compatibility – When used as an auxiliary deadlock, Overly recommend the use of this lock with our double bubble, single and dual magnetic and single and dual H compression sealing systems for both reverse hand door swings utilizing #2 strike and regular hand swings utilizing a #3 strike. When reverse hand doors are scheduled, Overly provides a strike mounting bracket to mount the strike.

When intended to be used as the only latching device on the opening, Overly does not recommend this use on our single and dual H compression seals.