

# FIREPRO

## FIRE PROTECTIVE BUILDING PRODUCTS

HEAD OFFICE; AUCKLAND NZ (09)579 0367

Christchurch NZ (03) 3799 364

[sales@firepro.co.nz](mailto:sales@firepro.co.nz)

[www.firepro.co.nz](http://www.firepro.co.nz)

CI/SfB

FD40 CM4 Datasheet April 2024

Product specifications can change. Contact us to ensure you have our latest datasheet

## FD40 CM4 INTUMESCENT CEILING DAMPER SYSTEM

### DESCRIPTION

FD40 CM4 incorporates our Firepro FG40 intumescent fire damper with a light weight ceiling mounting system. It is simple to install and economical. It replaces heavier gypsum board systems.

FD40 CM4 is primarily used where an air flow ventilator installed on the ceilings lower surface penetrates a fire rated ceiling and then the system connects to flexible ducting, but there is insufficient room to install FD40 CM3 with its vertical spigot and ducting. The CM4 spigot length is 110mm.

### INSTALLATION

1. Prepare opening in plasterboard to suit size of FD40 CM4 to be installed

2. Install ceiling battens to fit the perimeter of the FD40 CM4 System base. These will hold the FD40 CM4 in the correct position when it is installed. The metal spigot must be on the side.

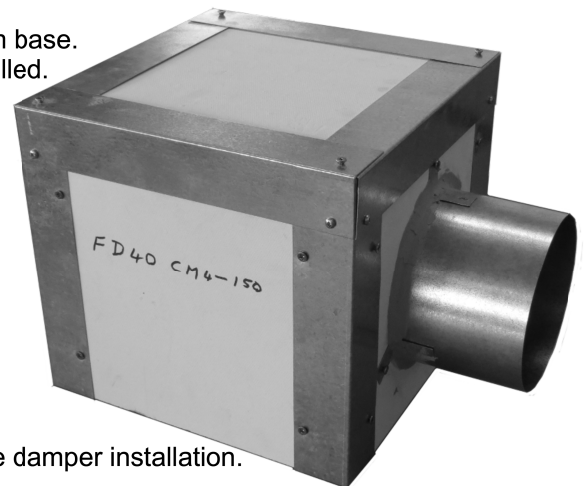
3. Apply Firepro M706 sealant to the underside of the box as a 10mm bead. This will squash flat against the plasterboard when the FD40 CM4 is placed into position.

4. Affix FD40 CM4 to the battens with a min. of 6g screws.

5. Connect duct work with appropriate breakaway/slip joints. Spigot length is 110mm.

AS 1682.1 requires breakaway joints for all Fire Damper types.

6. A fire damper label to be fitted in a prominent position to each fire damper installation.



### FIRE TESTING & ASSESSMENT

FD40 dampers have been fire tested to AS1530.4. FD40 combined with CM4 have been assessed to AS1530.4 and the relevant requirements of AS/NZS 1668 Part 1-1998 FRL-/120/60.

PRODUCT CODES	DUCT SIZE (nom) (mm)	EXTERNAL SIZE OF BOX (mm) allow tolerance of 5mm	SIZE OF OPENING OF BOX AT BASE
FD40 CM4-100	100	320 W x 320 D x 285 H	250 x 250
FD40 CM4-125	125	320 W x 320 D x 285 H	250 x 250
FD40 CM4-150	150	320 W x 320 D x 285 H	250 x 250
FD40 CM4-200	200	370 W x 320 D x 335 H	300 x 250
FD40 CM4-250	250	420 W x 320 D x 385 H	350 x 250
FD40 CM4-300	300	470 W x 320 D x 435 H	400 x 250

*NOTE: The technical information and suggestions for use and application presented herein represent the best information available to us and are believed to be reliable. If used beyond the situations detailed on this datasheet we advise confirming their suitability before installation. All dimensions are nominal.*

**We reserve the right to make changes or to withdraw designs and products without notice.**