

# Datasheet

## Fire and Acoustic Rated Wall Boxes



CAT. NO. 435, 435BU20, CM435/2, FIREBOX4M



435



CM435/2



Cat. No.	435	435BU20	CM435/2	FIREBOX4M
Description	Wall Box 1 Gang Fire and Acoustic rated	Wall Box 1 Gang Fire and Acoustic rated (Pack of 20)	2 Gang Wall Box Fire and Acoustic rated	Wall box fire rated for Arteor and Living Now 4 Modules
Fire resistance Level (FRL)	Back-to-back configuration: - /120/60 (1-hour applications) - /180/120 (2-hour application)			- /120/120 (2-hour application)
	Single-sided configuration: - /120/120 (2-hour applications) - /180/180 (3-hour applications)			- /120/120 (2-hour application)
	Single-sided configuration: - /60/60 (1-hour applications)		N/A	N/A
Weighted Sound Reduction Index (Rw)	62			N/A
Sound Transmission Class (STC)	59			N/A
Wall type	Suitable for 10 mm to 32 mm thick plaster board walls			
Material	Galvanized Steel			
Cut-out size	102 x 58 mm		104 x 104 mm	125 x 57 mm
Box Dimensions (WxHxD)	101 x 57 x 51 mm		103 x 103 x 51 mm	124 x 57 x 51 mm
Mounting Centres	84 mm			104 mm (Arteor) or 108.5 mm (Living Now)
Applications	Suitable for all Single switchplates or powerpoints		Suitable for COMO Double plate devices only (ie: CM777 & CM940SF)	Suitable for 4 Module frames Arteor (576011) and Living Now (K4704)
Compliance	ASTM E413-87, AS1530.4 in conjunction with AS4072.1 (Fire Rating) AS1191, AS1276.1 and ISO717.1 (Acoustic Rating)			ASTM E413-87, AS1530.4 in conjunction with AS4072.1 (Fire Rating)

# Fire and Acoustic Rated Wall Boxes

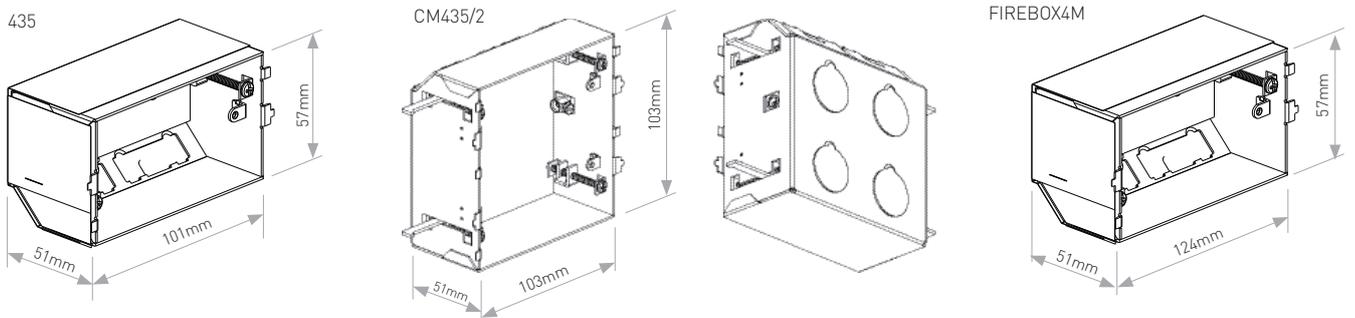
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## INSTALLATION

1. Use front of box as template for wall cut-out. Cut opening with care to give tight fit to box. Cut-out size is 103 x 59 mm (435), or 103 x 135 mm (435/2), or 125 x 57 mm (FIREBOX4M).
2. Pull cable(s) through cut out and then pass through holes in the box, puncturing label only where necessary. The holes can be enlarged if required as per lines shown on the product label. Use a screwdriver to remove the metal covering. **Note:** the label forms part of the acoustic seal (excludes FIREBOX4M).
3. With both moveable clamps in the retracted position, push the box into the wall opening.
4. Push both moveable clamps out to the extended position, and tighten both clamping screws until the box is secured in the wall.
5. The foam gasket must be fitted for acoustic rating (excludes FIREBOX4M). For other wall types (e.g. brick) remove the moveable clamps by unscrewing the clamping screws.

## DIMENSIONS



### General Note:

1. Vertical wall penetrations shall not be positioned above one another, unless they have a vertical height separation of at least 600 mm and a horizontal strut/noggin in between the penetrations.
2. Fire tests have been performed in framed plasterboard wall systems. Test results are applicable to the performance of the wall box in concrete/cement or brick walls of the same or greater thickness as in the tested prototype. (Reference: AS 1530.4 clause 10.12)
3. Any gaps > 1 mm in size between edge of wall box and wall shall be filled with fire-stopping mastic. Gaps < 1 mm do not require mastic.

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Please note: specifications are subject to change without prior notice.

Single product			
Cat. No.	Dimensions (W x H x D)	Weight	Barcode
435	120 x 70 x 60 mm	194 g	9321001392224
CM435/2	112 x 105 x 60 mm	320 g	9321001435181
FIREBOX4M	125 x 70 x 60 mm	229 g	9321001511519

Single product (Pack of 20)			
Cat. No.	Dimensions (W x H x D)	Weight	Barcode
435BU20	380 x 310 x 330 mm	8.9 kg	9321001488637

Inner box (QTY 4)			
Cat. No.	Dimensions (W x H x D)	Weight	Barcode
CM435/2	163 x 163 x 131 mm	1.4 kg	9321001435198

Outer box (QTY 60)			
Cat. No.	Dimensions (W x H x D)	Weight	Barcode
435	380 x 310 x 330 mm	15 kg	9321001392248

Outer box (QTY 50)			
Cat. No.	Dimensions (W x H x D)	Weight	Barcode
CM435/2	500 x 333 x 262 mm	17.8 kg	9321001435204
FIREBOX4M		15 kg	9321001511526

