

DF Series - Mantel Installation Guide

1.0 PRODUCT DESCRIPTION

To complement the DF Series of insert fireplaces, a three-sided mantel is available for the DF700, DF960 and DF990 fireplaces. Constructed from MDF, the mantel comes with a white undercoat finish to allow you to complete the look with your choice of paint colour or finish. Black infill panels between the mantel and the fire are also included.

www.escea.com/df-series



2.0 DESIGN CONSIDERATIONS

2.1 Chimney Cavity

- A masonry or timber framed cavity can be used with the DF Series fireplace and Mantel.
- Ensure the cavity has the requisite **clearances** for both the fire and the flue. Additional cavity space may be required for the flue, as it exits the fire at the rear of the cavity.

2.2 Mantel Framing

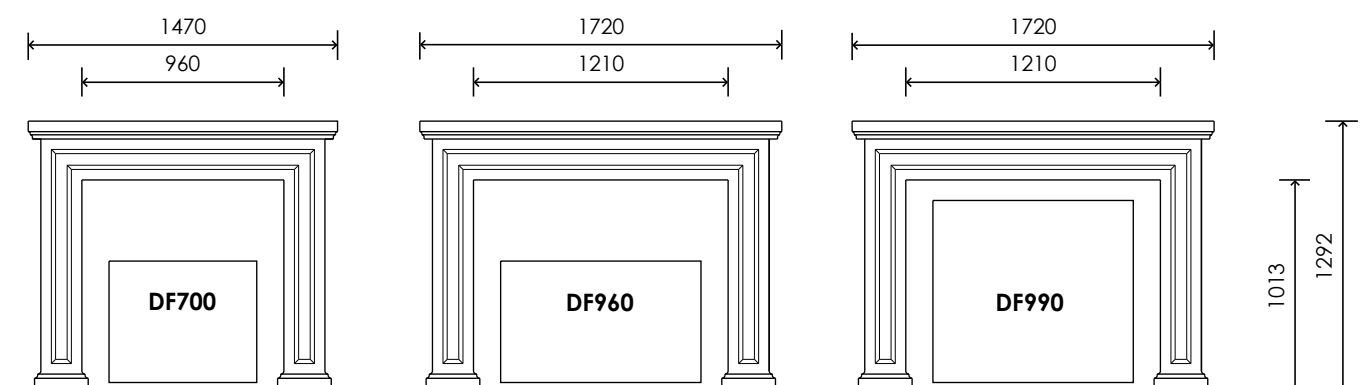
- Additional support forward of the main chimney cavity may be required to support a mantel and infill panel. This must meet the cavity opening dimensions required for the selected DF Series Fire.
- The **DF Cavity Spacer bracket** must be installed above the fire a minimum of 60mm (supplied with fire).
- Provide a continuous base for support of the fire, a **minimum of 65mm** off the finished floor level.

2.3 Infill Panel

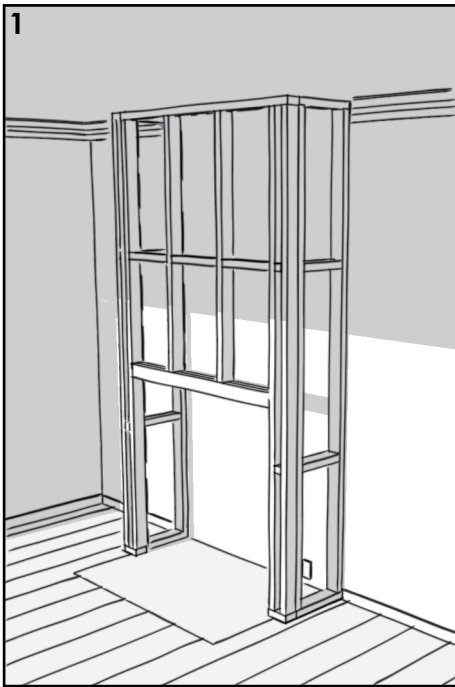
- A black powdercoated steel sheet with pre-cut opening for the selected DF Series fireplace is provided. Handle with care as it can be easily damaged.
- The infill panel will need additional support to stop movement in service.
- The infill panel outer dimensions allow for fitting behind the mantel. The pre-cut opening will allow the outer flange of the fire to fit flush with the infill panel. The fascia will hide this junction.

2.4 Mantel

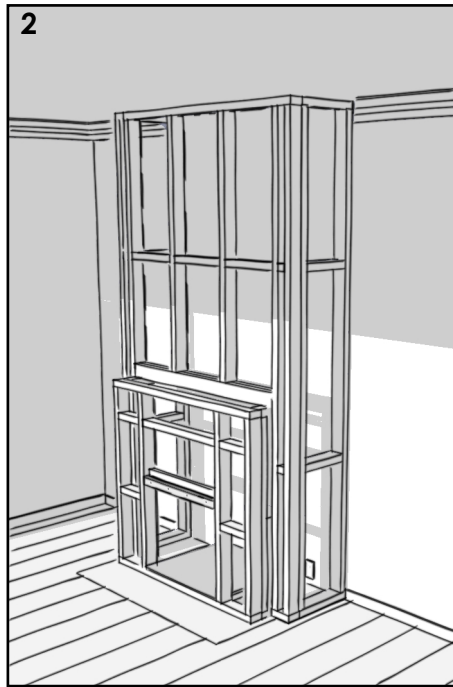
- When installed with the selected infill panel, the mantel meets the combustible material mantel clearances.
- The mantel is available in two size, a **small** for the DF700 and a **large** for the DF960 and DF990.



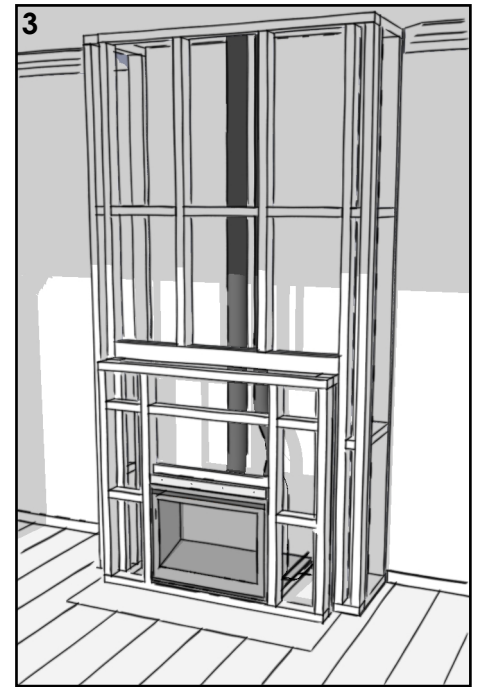
3.0 Installation Method



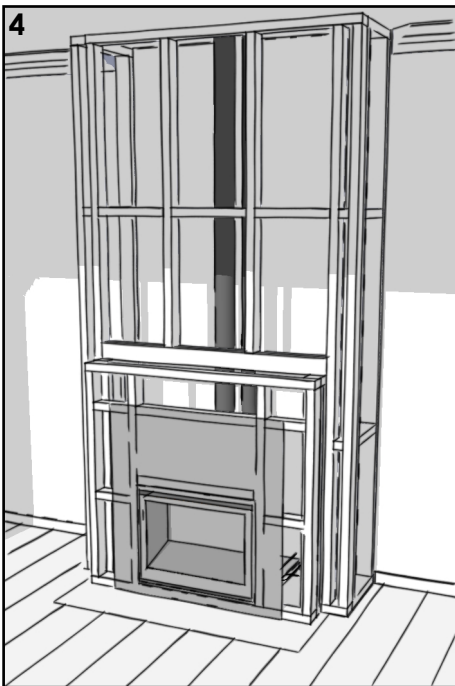
- + Standard building materials for construction of the chimney cavity.
- + Gas, Power and Network connection points already in place.



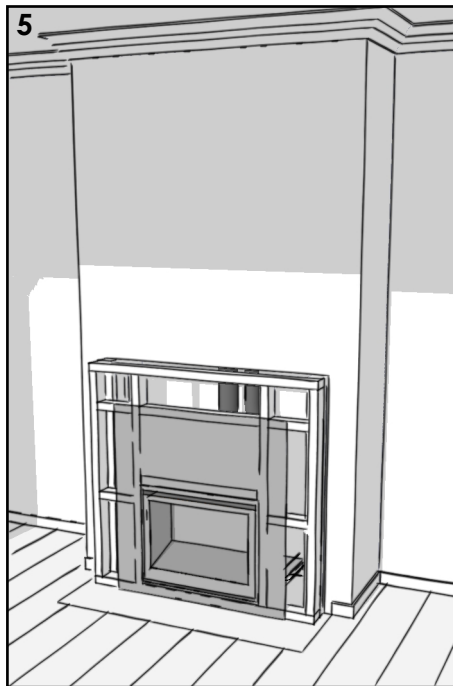
- + Additional framework supports the mantel and infill panel.
- + Ensure DF Cavity Spacer bracket is installed.
- + Cavity must meet the minimum cavity dimensions and clearances.



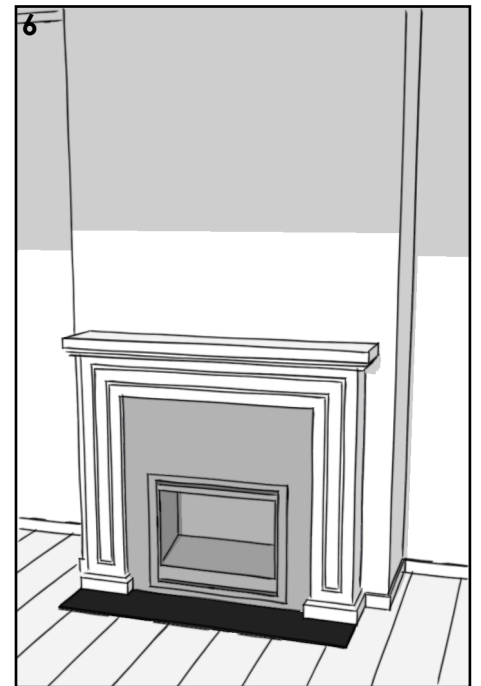
- + The fire is installed into the cavity and fixed to a continuous base.
- + Gas, power, network and powerflue connections in place.
- + Flue pipes fixed from the fire to the flue terminal.



- + Infill panel is adhesive and/or screw fixed to the framing and the back face of the mantel.



- + Wall linings are to finish behind the mantel. Ensure to accommodate this depth in framework calculations.



- + Mantel fixed to the framework through the sides, and holes filled.
- + Paint or finish using the selected method.

GENERAL CONSTRUCTION AND FINISHES SHOWN INDICATIVE ONLY

Due to ongoing product development, Escea reserves the right to change any specifications listed in this document without notice.