

Upgrading Non Fire Rated Door Frame

DESCRIPTION

Allowable methods for upgrading non fire rated steel door frames to suit Pyropanel fire rated doorsets.

APPLICATIONS

Ideal for applications that have an existing non rated door frame (with a door stop less than 25mm) that now requires a fire rated doorset (with 25mm door stop), or where the door thickness needs to be increased.

FEATURES

- Approved to AS 1530.4-2014.
- Approved on Pyropanel hinged doors for up to 2hrs fire rating.

ALLOWABLE METHOD

Existing frame

- Existing door frame thickness must be 1.1-1.6mm.
- Frame to be fully backfilled with fire rated plasterboard, plaster, Pyropanel M4 lightweight mortar or mortar.

Door stops

- A steel channel is used to increase the door stop to at least 25mm thick.
- Pack new door stop with plaster or mortar and Pyropanel intumescent strip.
- Mechanically fix new door stop by using screws at 300mm centres.

Door rebate

- A steel channel is used to increase the door rebate to the desired measurement.
- Pack new door rebate with plaster or mortar and Pyropanel intumescent strip.
- Mechanically fix new door stop by using screws at 300mm centres.
- Ensure that frame and hinge plates are suitably located and strong enough to support the new door.

