

# 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.

