

#### **TECH SHEET: BUILD-01**

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# ASSA ABLOY

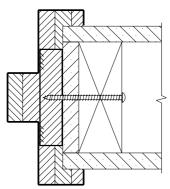
# **BUILDING-IN DETAILS** Fire Rated Plasterboard walls

# DESCRIPTION

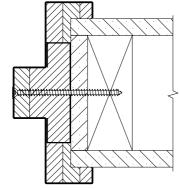
Building in details showing the approved fixing methods for standard fire rated plasterboard stud (timber or steel studs) walls up to 2 hours of fire rating.

## REQUIREMENTS

- Back-filling with fire rated plasterboard, plaster, Pyropanel M4 lightweight mortar or mortar is required to meet the frame Insulation requirements of 30 minutes to the current standards (AS 1530: 2014). Back-filling with Pyropanel lightweight M4 Mortar is required for Insulation requirements of 60 minutes.
- Ensure all gaps are tightly filled with Pyropanel fire rated acoustic sealant.
- Fixings to be at max 500mm centres (10 gauge steel screws).
- Note: Some special installations (e.g timber architraves/other cladding over steel frame) require a specific frame filling material.
  Please check prior to installation.



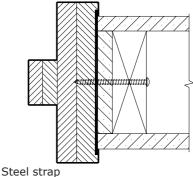
MS tube or saddle bracket

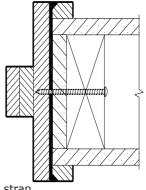


Countersunk screw

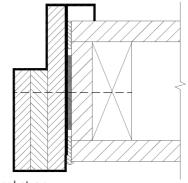
#### **ASSA ABLOY Australia Pty Ltd**

235 Huntingdale Rd, Oakleigh, Vic 3166 Ph: (03) 9837 8500 Email: sales@pyropanel.com.au Web: www.pyropanel.com.au





Steel strap



Steel strap

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Email: sales@solwest.com.au Web: www.solwest.com.au Intinuous improvement and reserves the right to change methods and specifications with

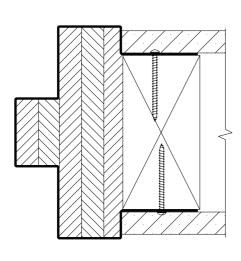


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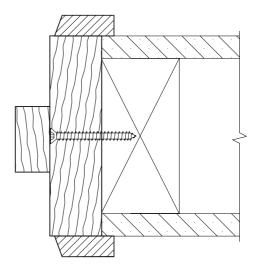
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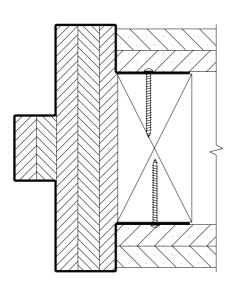
# **BUILDING-IN DETAILS** Fire Rated Plasterboard walls



Steel frame - single layer of plasterboard



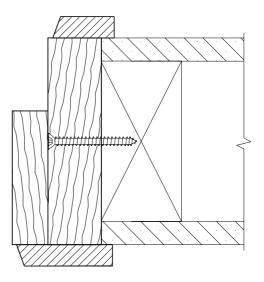
Timber frame - Single layer of plasterboard



Steel frame - double layer of plasterboard

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Timber frame - Single Rebate with single layer of plasterboard

Note: The architrave is a mandatory component to protect hinge screws and striker plate.

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