PYROPANEL
ASSA ABLOY

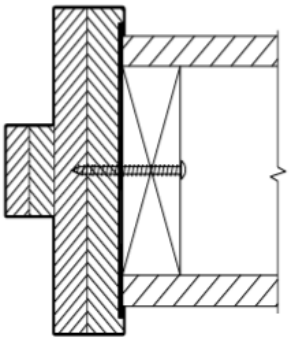
Technical Sheet

BUILD-01
Issue Date: July 2026
Expiry Date July 2027

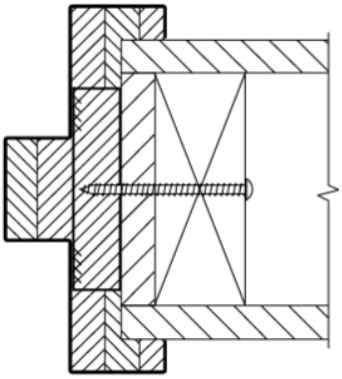
Building-In Details Fire Rated Plasterboard Walls

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

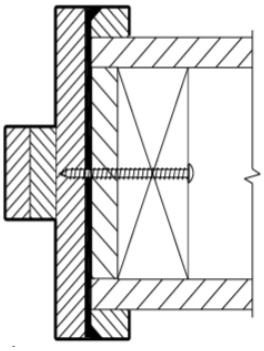
Requirements
Back-filling with fire rated plasterboard, plaster, Pyropanel M4 lightweight mortar or mortar is required to meet the frame Insulation requirements of 30 minutes to the current standards (AS 1530.4: 2014). Back-filling with Pyropanel lightweight M4 Mortar or standard mortar is required for 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.



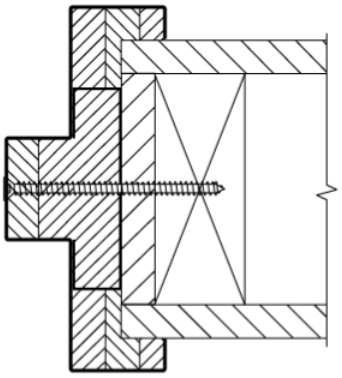
Steel Strap



MS tube or Saddle Bracket



Steel Strap



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

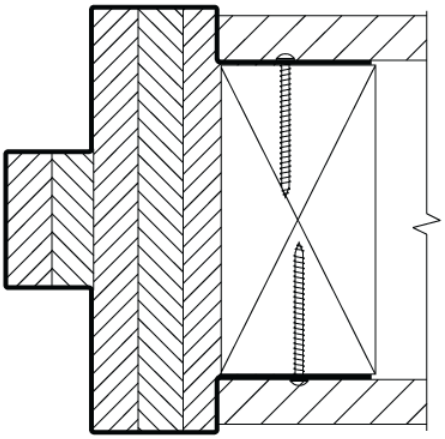
ASSA ABLOY Australia P/L has a policy of continuous improvement and reserves the right to change methods and specifications without notice.
Note: The Tech Sheet is an uncontrolled document. If printed please refer to the Tech-Sheet on the website to check if this document is valid.

PYROPANEL
ASSA ABLOY

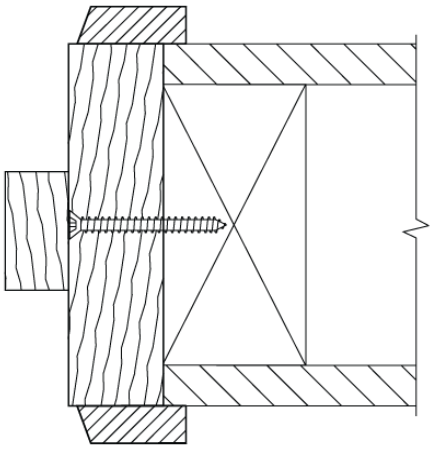
Technical Sheet

BUILD-01
Issue Date: July 2026
Expiry Date July 2027

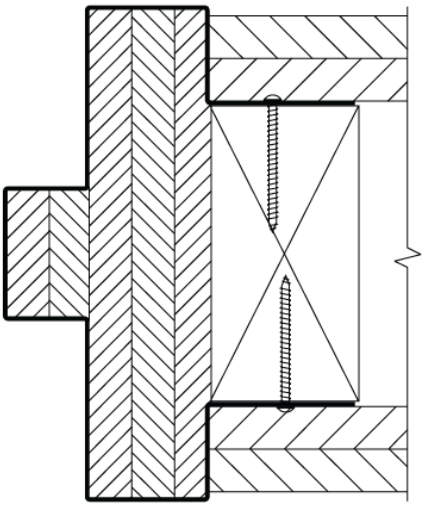
Building-In Details Fire Rated Plasterboard Walls



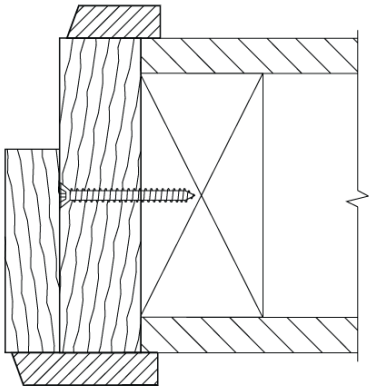
Steel Frame - Single Layer of Plasterboard



Timber Frame - Single Layer of Plasterboard



Steel Frame - Double Layer of Plasterboard



Timber Frame - Single Rebate with Single Layer of Plasterboard

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

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

ASSA ABLOY Australia P/L has a policy of continuous improvement and reserves the right to change methods and specifications without notice.
Note: The Tech Sheet is an uncontrolled document. If printed please refer to the Tech-Sheet on the website to check if this document is valid.