**TYPE 1: Timber Frame Spandrel Panel for Masonry Wall (Single skin Fermacell)**

**PANEL**

**TIMBER FRAME**

**BOARD**

**FERMACEILL**

**STRUCTURE**

**MASONRY PARTY WALL**

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SEE TRUSSED RAFTER ASSOCIATION
How to build compliant SPANDREL PANELS FOR FIRE STOPPING DETAILS AT APEX

TIMBER FRAME SPANDREL PANEL - HORIZONTAL 47X72 TIMBER, STUDS TYPICALLY @600/C, ONE LAYER OF 15MM FERMACELL ON BOTH SIDES (OPTIONAL 38X89 STUDS WITH 18MM FERMACELL ON BOTH SIDES)

SEE TRUSSED RAFTER ASSOCIATION
How to build compliant SPANDREL PANELS & ROBUST DETAILS APPENDIX A1 FOR REQUIREMENTS AT BASE OF WALL

CAVITY CLOSER

CONTINUOUS TIMBER (TYPICALLY 47X72) LEDGER TO SUPPORT CEILING PLASTERBOARD EDGE, IF REQUIRED

ROOF TRUSSES

ROOF INSULATION

SEE TRUSSED RAFTER ASSOCIATION
How to build compliant SPANDREL PANELS FOR STRAPPING / PANEL RESTRAINT

MASONRY PARTY WALL WITH CAVITY INSULATION UP TO CAVITY CLOSER, IF REQUIRED

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Document Ref
Fermacell Spandrel Panels
Manufactured in accordance with fermacell Spandrel Panel fermacell Single Skin Solutions Document Jan 2018

TRUSSED RAFTER ASSOCIATION
How to build compliant SPANDREL PANELS Document V3 April 2018

ROBUST DETAILS
Edition 4 September 2018 Update

This is generic guidance information designed for use by persons within the industry who understand the business they work in. While this document has been prepared in good faith and all reasonable efforts have been made to ensure its adequacy and accuracy, no representation, warranty, assurances or undertaking (express or implied) is or will be made.

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TO BE READ IN CONJUNCTION WITH

EDITION 1 / DECEMBER 2018
**TYPE 2:**

**WALL**

**PLATED FRAME TRUSS**

**BOARD**

**PLASTERBOARD**

**STRUCTURE**

**MASONRY PARTY WALL**

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**SPANDREL PANEL RANGE**

SEE TRUSSED RAFTER ASSOCIATION

*How to build compliant SPANDREL PANELS*

FOR FIRE STOPPING DETAILS AT APEX

PLATED FRAME/TRUSS SPANDREL PANEL - VERTICAL 47X72 TIMBER, STUDS TYPICALLY @600C/C, TWO LAYER OF 12.5MM PLASTERBOARD ON BOTH SIDES

SEE TRUSSED RAFTER ASSOCIATION

*How to build compliant SPANDREL PANELS & ROBUST DETAILS EDITION 4 APPENDIX A1 FOR REQUIREMENTS AT BASE OF WALL*

CAVITY CLOSER

CONTINUOUS TIMBER (TYPICALLY 47X72) LEDGER TO SUPPORT CEILING PLASTERBOARD EDGE, IF REQUIRED

ROOF TRUSSES

ROOF INSULATION

SEE TRUSSED RAFTER ASSOCIATION

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MASONRY PARTY WALL WITH CAVITY INSULATION UP TO CAVITY CLOSER, IF REQUIRED

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**CEILING LEVEL**

600mm MAX. CENTRES
**SPANDREL PANEL RANGE**

**TYPE 3:** Timber Frame Spandrel Panel for Masonry Wall (Two layers of Plasterboard)

**WALL:** TIMBER FRAME

**BOARD:** PLASTERBOARD

**STRUCTURE:** MASONRY PARTY WALL

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**600mm MAX. CENTRES**

SEE TRUSSED RAFTER ASSOCIATION
How to build compliant SPANDREL PANELS
FOR FIRE STOPPING DETAILS AT APEX

TIMBER FRAME SPANDREL PANEL-
HORIZONTAL 47X72 (OPTIONAL 38X89) TIMBER,
STUDS TYPICALLY @600C/C, TWO LAYER OF 12.5MM
PLASTERBOARD ON BOTH SIDES

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CEILING LEVEL

SEE TRUSSED RAFTER ASSOCIATION
How to build compliant SPANDREL PANELS
& ROBUST DETAILS EDITION 4 APPENDIX A1
FOR REQUIREMENTS AT BASE OF WALL

CAVITY CLOSER

CONTINUOUS TIMBER (TYPICALLY 47X72)
LEDGER TO SUPPORT CEILING PLASTERBOARD
EDGE, IF REQUIRED

ROOF TRUSSES

ROOF INSULATION

SEE TRUSSED RAFTER ASSOCIATION
How to build compliant SPANDREL PANELS
FOR STRAPPING / PANEL RESTRAINT

MASONRY PARTY WALL WITH CAVITY
INSULATION UP TO CAVITY CLOSER,
IF REQUIRED

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**Document Ref**
Fermacell Spandrel Panels
Manufactured in accordance with
Fermacell Spandrel Panel
Fermacell Single Skin Solutions Document Jan 2018

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**NHBC**
**TRADA**
**STRUCTURAL TIMBER ASSOCIATION**

**robustdetails®**

**TO BE READ IN CONJUNCTION WITH**

**EDITION 1 / DECEMBER 2018**
TYPE 4: Gable Panel for Masonry Wall

PANEL TIMBER FRAME

BOARD 9MM OSB

STRUCTURE MASONRY GABLE WALL

Gable Panels manufactured in accordance with project specific engineering and NHBC TECHNICAL GUIDANCE SPANDREL PANELS TO COLD ROOFS 7.2/23 Jan2018 (First Issue)

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SEE NHBC TECHNICAL GUIDANCE SPANDREL PANELS TO COLD ROOFS FOR STRAPPING / PANEL RESTRAINT

600mm MAX. CENTRES

Ceiling Level

GABLE LADDER IF REQUIRED

Proprietary Gable Wall Cavity Closer

Timber Frame Gable Panel - Horizontal 47x97 timber, studs typical @600C/C, one layer of 9mm OSB to external side, breather membrane (optional 38x89 or 38x140 studwork)

Timber Wall Plate, IF Required

Roof Trusses

Roof Insulation

See NHBC Technical Guidance Spandrel Panels to Cold Roofs for Strapping / Panel Restraint