

# Spandrel Detail

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A MERRONBROOK LTD DETAIL



# MERRONBROOK

— DELIVERING TIMBER ENGINEERING EXCELLENCE

Timber Frame | Open Web Joists | Trussed Rafters

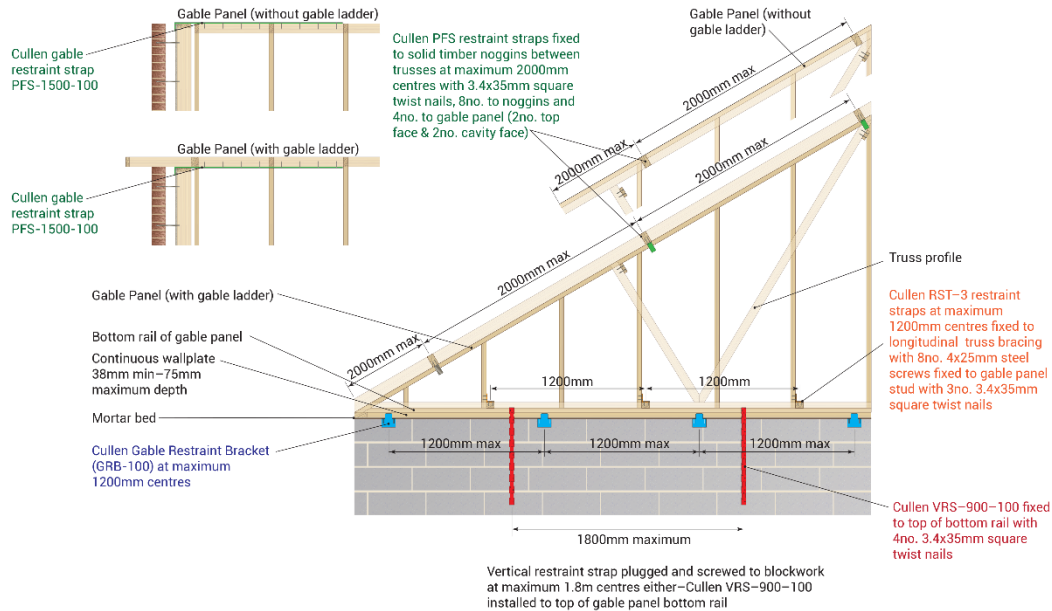
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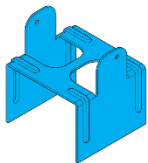
## Timber Gable to Masonry Fixing Detail

The details have been developed to safely transfer lateral wind load on the masonry and timber gable ends into the braced roof diaphragm. This provides a verified connection between timber gable panels to masonry walls. The details meet the minimum requirement of Building Regulations 2010 approved document A, NHBC Standards for houses of three storeys or less in England and Wales. This detail is accepted by NHBC.



## MERRONBROOK Supply List

NOT TO SCALE



**GABLE RESTRAINT BRACKET**  
PART NUMBER:  
GRB-100

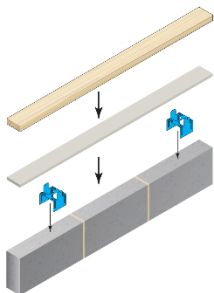
**VERTICAL WALLPLATE STRAP**  
PART NUMBER:  
VRS-900-100

**RESTRAINT TWIST STRAP**  
PART NUMBER:  
RST-3

**GABLE RESTRAINT STRAP**  
PART NUMBER:  
PFS-1500-100

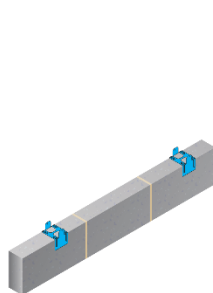


## Gable Restraint Bracket Installation



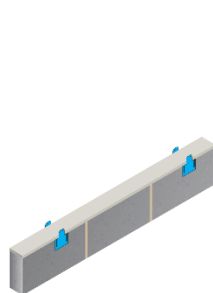
**Components:**

- Wallplate
- Mortar
- Gable Restraint Brackets
- Wall

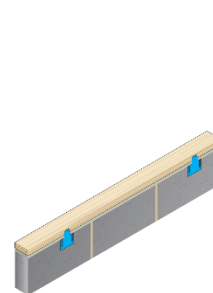


Gable restraint brackets placed on wall at 1200mm\* maximum centres (no fixings required).

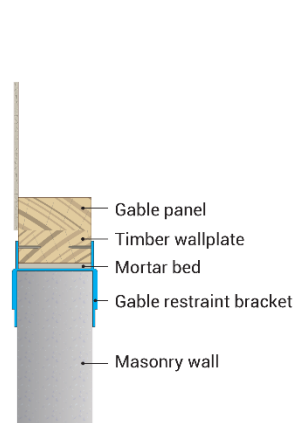
\*for buildings up to 3 storey England & Wales and 2 storey Scotland



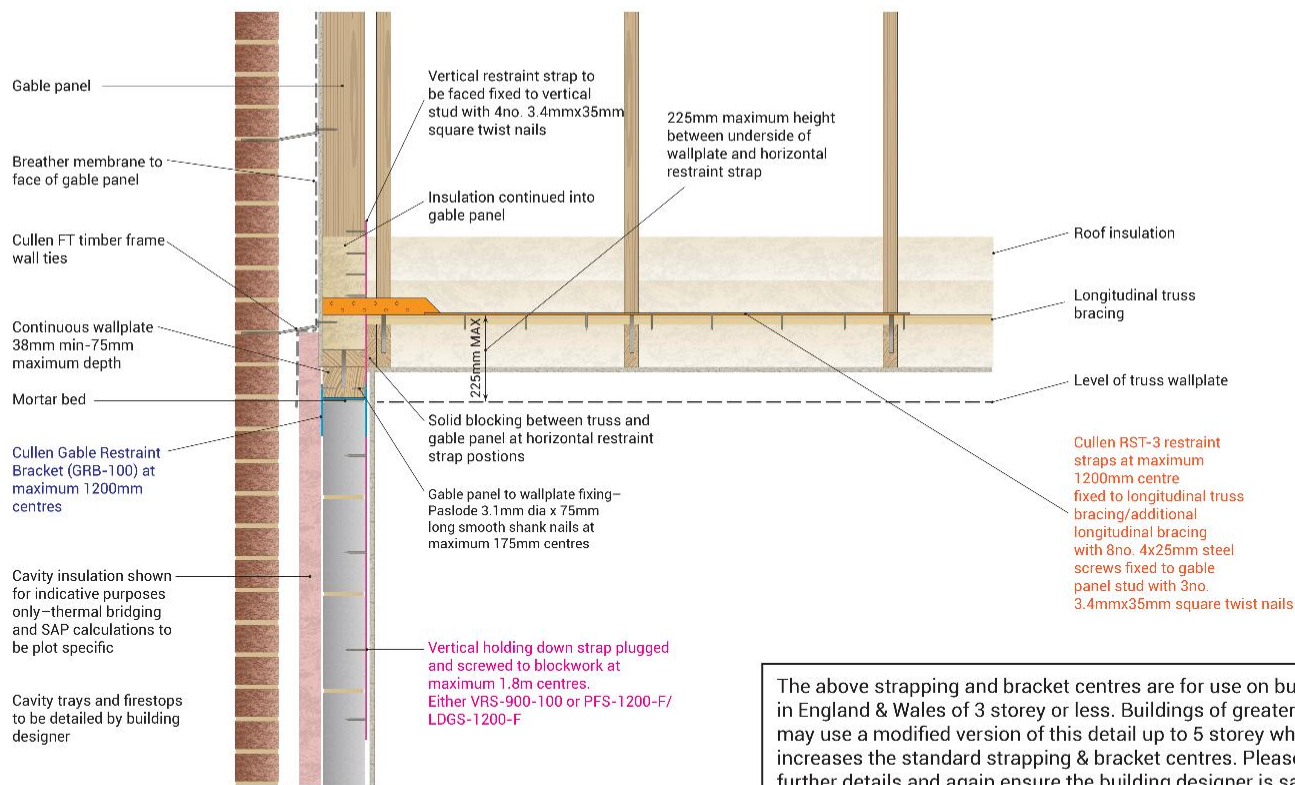
10mm maximum mortar bed on wall prior to wallplate being fixed.



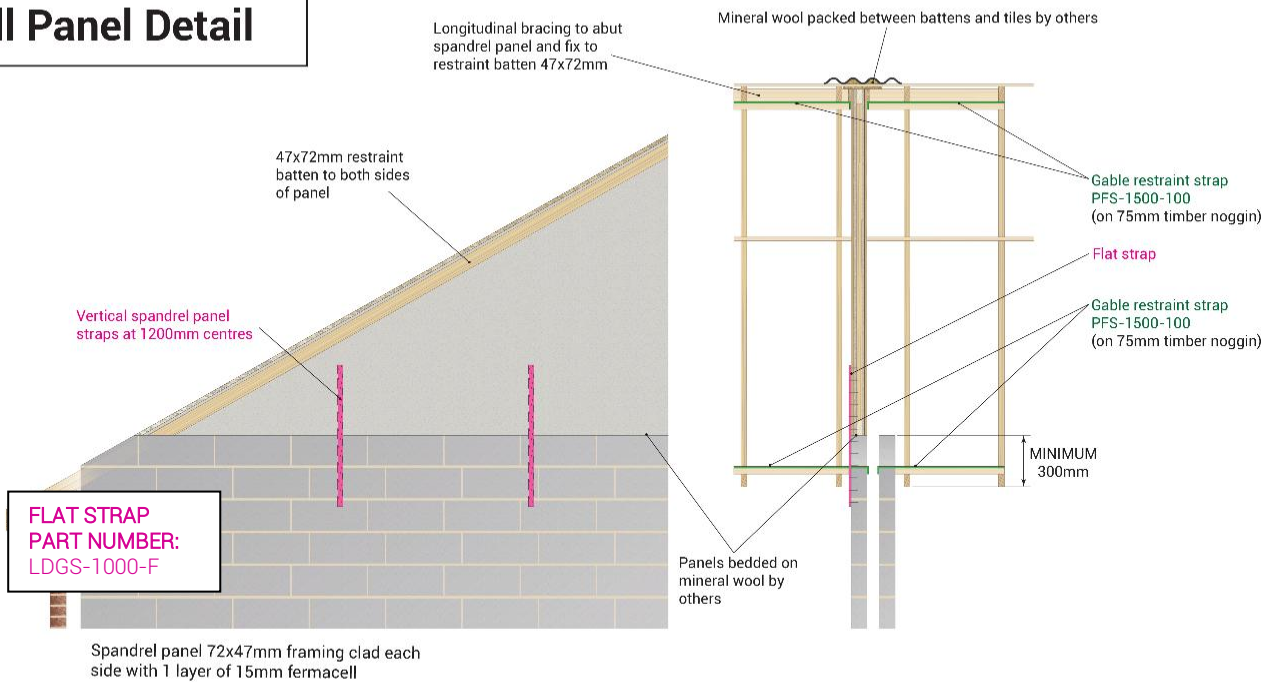
38-75mm wallplate bedded on mortar and fixed to gable restraint brackets with 3 5x40mm wood screws (2 no per bracket)



# Timber Gable to Masonry Fixing Detail





# Party Wall Panel Detail



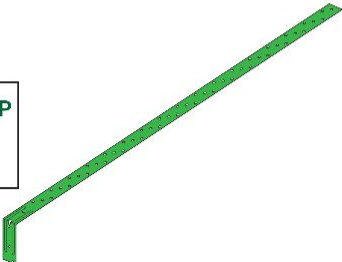
# MERRONBROOK Supply List

NOT TO SCALE





FLAT STRAP  
PART NUMBER:  
LDGS-1200-F



GABLE RESTRAINT STRAP  
PART NUMBER:  
PFS-1500-100