

MiTek Beam

intel supporting roof and ceiling only

DESIGN LOADS

Roof Live Load 0.25kPa, 1.0kN Point Load
Roof Dead Load 0.25kPa, Light
Ceiling Dead Load 0.20kPa, Standard
Seismic Zone A, B or C
Overhang of 750mm has been included
Spans are horizontal dimensions

JOB NAME: BADCOCK
ADDRESS: OAMARU
0
0
DATE: 23/03/2005
BEAM NAME: GARAGE

JOB DATA

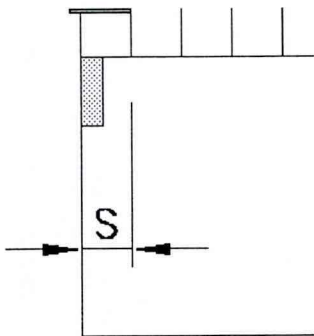
Roof Weight Light
Ceiling Weight Standard
Wind Load High
Snow load 0.5kPa
Is The Roof Pitch Greater than 30 deg. No

Beam type

Fitch Beam ▼

LOAD CONDITIONS

Roof Span (S) 900



Beam Span: 4850 mm
Beam Size: FB20H Fitch
Beam Camber: 9 mm

Certification of MiTek Beam Design Program

The MiTek Beam design program has been developed by MiTek New Zealand Ltd for the design of GANG-NAIL Beams and Lintels in New Zealand. The beam designs computed by this program are prepared using sound and widely accepted engineering principles, and in accordance with NZS 4203, NZS 3603 and NZS 3604 as verification methods and acceptable solutions of the approved documents issued by the Building Industry Authority to satisfy the requirements of Clause B1:Structure of the Building Regulations 1992. This computer design for the proposed building complies with the relevant provisions of the NZ Building Code. This is subject to all proprietary products meeting their performance specification requirements, the provision of adequate bracing, fixings and the correct input of design data carried out by suitably trained personnel.



MiTek New Zealand Ltd.

HOME OF GANG-NAIL® BUILDING SYSTEMS

MiTek Beam

Lintel supporting roof and load-bearing wall

DESIGN LOADS

Roof Live Load 0.25kPa, 1.0kN Point Load
Roof Dead Load 0.25kPa, Light
Ceiling Dead Load 0.20kPa, Standard
Seismic Zone A, B or C
Overhang of 750mm has been included
Spans are horizontal dimensions

JOB NAME: BADCOCK
ADDRESS: OAMARU

0
0

DATE: 23/03/2005

BEAM NAME: LIVING

JOB DATA

Roof Weight Light
Ceiling Weight Standard
Wind Load High
Snow load 0.5kPa
Is The Roof Pitch Greater than 30 deg. No

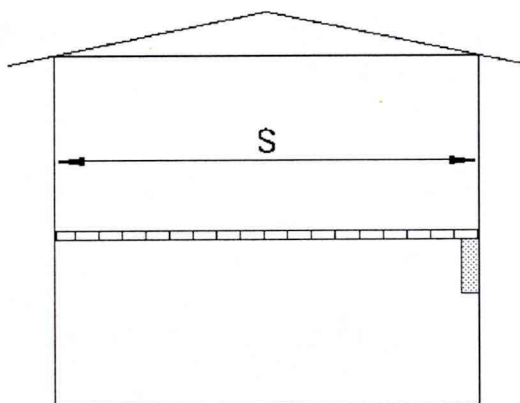
Beam type

Timber



LOAD CONDITIONS

Roof Span (S) 4850



Beam Span: 3050 mm
Beam Size: 250 x 100 Timber
Beam Camber: 11 mm

Certification of MiTek Beam Design Program

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HOME OF GANG-NAIL® BUILDING SYSTEMS

The computer design input has been carried out by:

Signed:.....

Date:.....

Name of Computer Operator:

Qualifications and Title:

Company: