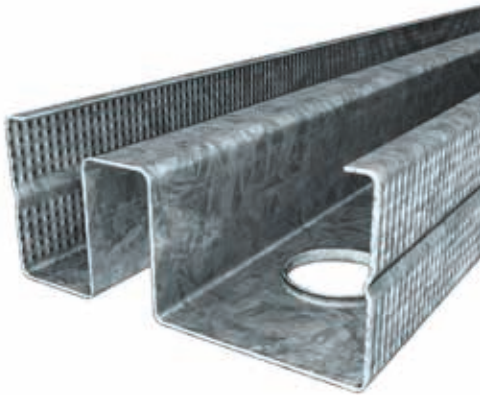


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NEW:
QUIET STUD® 0.75BMT



The Rondo QUIET STUD® will now be available in a medium 0.75BMT gauge, as originally introduced in the Rondo Acoustic Manual.

The increased metal thickness will allow for greater wall heights. >>

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RONDO QUIET STUD® 0.75BMT

Rondo has now introduced a 0.75bmt version of our QUIET STUD® which allows for greater wall heights whilst still achieving the minimum acoustical code requirements in both Australia and New Zealand.

Originally referenced in the Rondo Acoustic Manual (page 12) it was tested to meet NCC requirements of RW50 and $R_w + C_{TR}50$ for Continuous Construction in Class 1, 2 & 3 buildings and R_w45 for Class 9c. The increased metal thickness allows for higher walls without the loss of acoustic efficiency by using two layers of 13mm fire rated plasterboard on both sides, infilled with 100mm Glasswool Insulation at 14 kg/m².

The new QUIET STUD® 0.75BMT (product code RQ75) is available as a special order in 2700, 3000, 3600 and 4800mm lengths, and lead times and minimum order quantities may apply.

Note that both the 0.55 and 0.75bmt QUIET STUD® can be used with Rondo's new FAST-FIX Nogging®. To find out more, visit our website or call 1300 36 7663 to speak with your Rondo Technical Sales Representative.

TABLE 1: Maximum Wall Heights L/240 Deflection Limit

| PLASTERBOARD | 92 x 0.55BMT | | | | 92 x 0.75BMT | | | |
|---------------------|--------------|------|------|------|--------------|------|------|------|
| | STUD CENTRES | | | | | | | |
| | 300 | 400 | 450 | 600 | 300 | 400 | 450 | 600 |
| 1 x 10mm Both Sides | 4510 | 4160 | 4020 | 3700 | 5310 | 4930 | 4780 | 4430 |
| 1 x 13mm Both Sides | 4830 | 4530 | 4410 | 4130 | 5770 | 5450 | 5330 | 5020 |
| 1 x 16mm Both Sides | 5010 | 4700 | 4580 | 4300 | 6030 | 5710 | 5580 | 5250 |
| 2 x 10mm Both Sides | 4510 | 4160 | 4020 | 3700 | 5310 | 4930 | 4780 | 4430 |
| 2 x 13mm Both Sides | 4830 | 4530 | 4410 | 4130 | 5770 | 5450 | 5330 | 5020 |
| 2 x 16mm Both Sides | 5010 | 4700 | 4580 | 4300 | 6030 | 5710 | 5580 | 5250 |

TABLE 2: Maximum Wall Heights L/360 Deflection Limit

| PLASTERBOARD | 92 x 0.55BMT | | | | 92 x 0.75BMT | | | |
|---------------------|--------------|------|------|------|--------------|------|------|------|
| | STUD CENTRES | | | | | | | |
| | 300 | 400 | 450 | 600 | 300 | 400 | 450 | 600 |
| 1 x 10mm Both Sides | 4000 | 3720 | 3600 | 3340 | 4720 | 4420 | 4300 | 4010 |
| 1 x 13mm Both Sides | 4270 | 4020 | 3920 | 3700 | 5110 | 4850 | 4750 | 4510 |
| 1 x 16mm Both Sides | 4440 | 4190 | 4100 | 3870 | 5360 | 5100 | 5000 | 4740 |
| 2 x 10mm Both Sides | 4000 | 3720 | 3600 | 3340 | 4720 | 4420 | 4300 | 4010 |
| 2 x 13mm Both Sides | 4270 | 4020 | 3920 | 3700 | 5110 | 4850 | 4750 | 4510 |
| 2 x 16mm Both Sides | 4440 | 4190 | 4100 | 3870 | 5360 | 5100 | 5000 | 4740 |

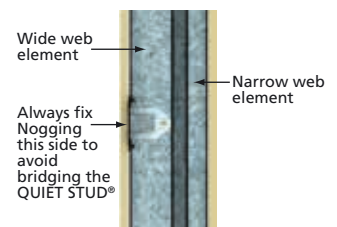
NOTES:

- Deflection limited to H/240 or H/360 as applicable, to a maximum of 30mm at 0.25kPa, in accordance with the BCA Specification C1.8.
- Maximum wall heights refer to the structural capacity only, and may be reduced for fire rated applications. Refer to your plasterboard manufacturer for details.
- Maximum heights should be referred back to Rondo when additional load is to be placed on the wall. The above tables only include self-weight plus linings, additional loads requires separate consideration by Rondo.
- Lateral loadings: a. Pultimate = 0.375kPa b. Pservice = 0.25kPa
- The above details are not suitable for external applications.
- Walls analysed in accordance with AS/NZS4600:2005.
- Reducing the stud centres, and changing the gauge of the QUIET STUD® may affect the acoustic rating of the wall. Refer to your plasterboard manufacturer for details.

- BMT = Base Metal Thickness.
- Minimum 0.70bmt Deflection Head Track.
- Base track gauge may be the same as the wall stud.

QUIET STUD® WALLS LINED BOTH SIDES

Only the FAST-FIX Nogging® can be installed into a QUIET STUD® wall, using the tab and 3 screws method. It is also imperative that the Nogging is only installed onto the side of the stud adjacent to the widest element of the web as shown to prevent potential bridging of the QUIET STUD®.



RONDO[®]

we're behind the best buildings