

# TECH BRIEF

# 87

## INSTALLING CEILINGING IN CONFINED SPACES



A corridor not only provides access for occupants, but is also a semi-permanent route for many of the services required for that building (air-conditioning, cabling, pipework, etc). And in most cases, nobody wants to see all of that clutter above their head.

It has to be hidden behind a ceiling of some type. >>

**RONDO**<sup>®</sup>  
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## RONDO CEILING SYSTEMS PROVIDE FLEXIBILITY, WHATEVER THE CORRIDOR WIDTH

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Our Rondo KEY-LOCK® Concealed Ceiling System provides flexibility in spanning across corridors without the necessity to construct a primary framework suspended from the structure above, which could prove problematic given the many obstructions.

Simply span Rondo 129 Furring Channel spaced every 450mm across a 1200mm wide corridor and screw off each end to Rondo 140 wall track secured to the opposing walls. This will support one layer of either 10 or 13mm plasterboard.

With the depth of the Furring Channel only being a nominal 30mm, there is little chance of not having enough clearance for services.

*Using 129 Furring Channel*



### HAVE A CORRIDOR WIDER THAN 1200mm?

Should the corridor be wider, Rondo 155 48mm wide Furring Channel can single span from nearly 1500mm for 16mm and up to 1750mm for 10mm & 13mm plasterboard with no problem at all.

Just remember to use Rondo 140 wall track to secure the Furring Channel to the opposing walls.

*Using 155 Furring Channel*



### NEED EVEN MORE?

Then why not utilise Rondo Steel Stud and Track. Our smallest 51mm x 0.50bmt stud can span up to 1800mm for a 10mm plasterboard lining. For a layer of 16mm it will span just over 1700mm, all spaced 600mm apart.

Simply fix the matching track along the opposing walls and screw the studs into place, just like a wall frame on its side.

Closing up the stud spacings, boxing studs, using a thicker gauge or a bigger stud, if space allows, will provide many different permutations to achieve your requirements.

*Using Steel Stud & Track*

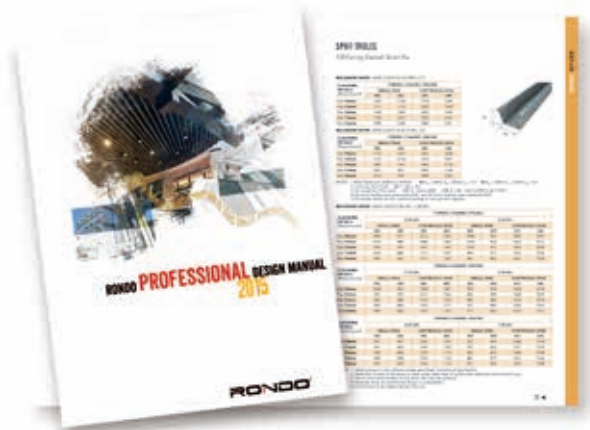


## RONDO RAPID®

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The Rondo RAPID® Drywall Grid System can span up to 1600mm without the use of suspension hangers, which makes it an ideal solution for corridors where quite often, services such as air conditioning ducts, electrical and data cabling, and fire sprinkler pipework make it nearly impossible to install a suspended ceiling.

The image below shows a typical RAPID® corridor system, using the RAP56 Corridor Main Tee and RAP7 Locking Wall Trim.



*The span tables in the Rondo Professional Design Manual offer many alternatives. However, note that the advice given in this brochure will not necessarily suit construction of a fire rated ceiling.*

*In such cases, you should consult your plasterboard manufacturer for a suitable system or speak with a Rondo Technical Sales Representative by calling 1300-36-7663.*

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