



TRACKLOK[®]

GRIDLOK[®]

TRACKLOK[®] SEISMIC
WALL BRACING

GRIDLOK[®] SEISMIC
CEILING BRACING

NEW ZEALAND EDITION



Available From

POTTER
INTERIOR SYSTEMS

TRACKLOK® LTD - THE WAY TO "BUILD IT BETTER" USING TESTED, SYSTEMISED AND PROPRIETARY PRODUCTS TO BRACE COMMERCIAL WALLS AND CEILINGS.

The intent of this document is to provide guidance for the bracing of non-structural walls and ceilings, while providing installers with a "how to" guide to installation of TRACKLOK® (for walls) and GRIDLOK® (for ceilings).

These ranges of patented, pre-engineered, off the shelf solutions enables architects, designers, engineers, construction companies and installers to mitigate the risk of non- structural failure in commercial buildings.

TRACKLOK® Ltd provides bracing options to take the guesswork and liability out of securing non-structural walls and ceilings. TRACKLOK® prevents under ceiling walls from imparting load on the ceiling system, preserving the ceiling warranty.

GRIDLOK® provides consistent bracing capacity for all ceiling systems, quick to install (20mins), reduces number of braces required (up to 30% less) and rotates 360° to avoid service clashes. Reduce labour and skill requirements when bracing ceiling systems.

Both the TRACKLOK® and GRIDLOK® range of connections have been designed to comply with building code requirements and ceiling manufacturers warranties.

The TRACKLOK® system for walls and the GRIDLOK® system for ceilings are perfect examples of applying logic, innovation and best practice to mitigate risk and improve building resilience.

Interior fit out construction is a complicated, multi trade discipline, which requires cost and time efficient solutions to standard practices. The use of these products allows wall and ceiling systems to perform independently as designed.

The testing regime has been thorough, extensive and has utilised the best minds in the engineering, architectural and academic world. These results have been accredited, peer reviewed and ultimately tested in real world seismic events.

TRACKLOK® Ltd continues to help the construction industry "build it better".

TRACKLOK® Ltd works with like-minded industry leaders worldwide. We work with industry organisations, regulators and governments to ensure design through to build consistency and compliance.

TRACKLOK® INSTALL INSTRUCTIONS/



1/ Measure TRACKLOK® placements (refer to TRACKLOK® set out charts).



2/ Create 30mm to 40mm clearance hole in ceiling tile with holesaw (pilot bit marks centre point on head track).



3/ Create 9mm hole and bolt TRACKLOK® firmly to head track using washer and bolt provided.



4/ For TRACKLOK® RETRO screw directly into head track.



5/ Measure distance to structure from fly plate below screw holes.



6/ Cut your brace material to length as per chart provided.



7/ Connect bracing material to TRACKLOK® top connector with #10-gauge wafer tek screws.



8/ Connect bracing material to TRACKLOK® fly brace with #10-gauge wafer tek screws.



9/ Drill clearance hole into structure over.



10/ Fix TRACKLOK® top connectors to structure over with approved anchors.



11/ TRACKLOK® install complete.

GRIDLOK® INSTALL INSTRUCTIONS/



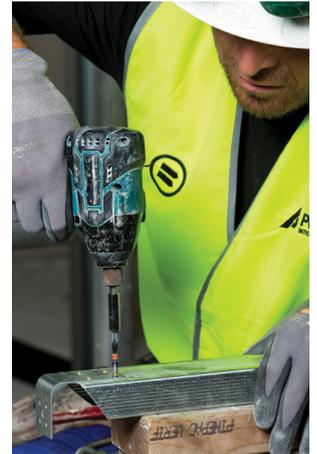
1/ Place GRIDLOK® in position specified on ceiling grid main runner or top cross rail and fix with #10-gauge wafer tek screws.



2/ Measure distance to structure from ceiling grid.



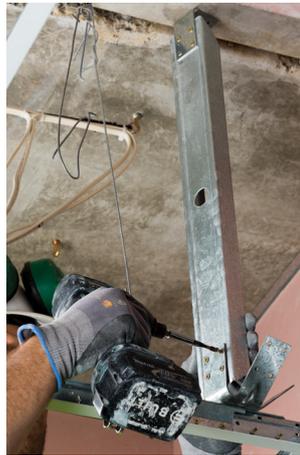
3/ Cut your vertical steel stud to length. Will need to repeat for the two 45° steel studs as per plenum chart provided.



4/ Attach vertical top connector to cut stud.



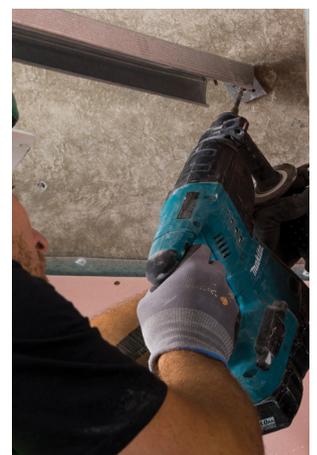
5/ Attach 45° top connector to cut stud.



6/ Connect vertical arm to GRIDLOK® unit and rotate to avoid service clashes.



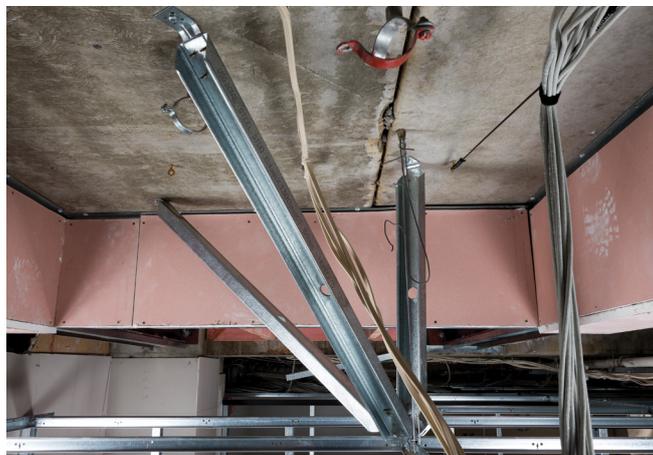
7/ Connect stud to 45° top connectors and 45° GRIDLOK® arms.



8/ Drill clearance holes into structure over.



9/ Fix GRIDLOK® top connectors to structure over with approved anchors.



10/ GRIDLOK® install complete.

TRACKLOK® RANGE/



TRACKLOK® - TRACKLOK® for new builds, allows you to connect directly through the partition head, separating wall from ceiling. Tested to provide structural and seismic performance for internal non-structural walls and glazing lines. Steel head track must be a minimum of .75 BMT, while aluminium head track must have a minimum material thickness of 1.3mm. Utilises steel stud for bracing stock. Using 10-gauge wafer tek screws to attach bracing stock to the unit and top connectors. Set out charts provide clear guidance for placement visit www.tracklok.com.au/downloads. Utilised in IL2, IL3 and IL4 buildings. **STOCK CODE: SPT-10**



TRACKLOK® RETRO - Bringing an existing fit out up to seismic code, adding value to your clients existing fit out, or create time efficiencies by bracing after lining. TRACKLOK® RETRO is an effective way to retroactively attach to the partition head using 10-gauge wafer tek screws. Steel head track must be a minimum of .75 BMT, while aluminium head track must have a minimum material thickness of 1.3mm. Utilises steel stud for bracing stock. Using 10-gauge wafer tek screws to attach bracing stock to the unit and top connectors. Disengage walls and ceilings by using TRACKLOK® RETRO. Set out charts provide clear guidance for placement visit www.tracklok.com.au/downloads. Utilised in IL2, IL3 and IL4 buildings. **STOCK CODE: SPT-10R**



TRACKLOK® TIMBA - Timber framed walls and timber top plates present a unique bracing challenge. TRACKLOK® TIMBA is a uniquely designed solution, allowing the appropriate bracing while ensuring maximum connection to timber using minimum 10-gauge 35mm wood screws. Timber top plate must be minimum 90 x 45mm SG8 Radiata Pine or Douglas Fir. Locator notch provides perfect placement every time. Utilises steel stud for bracing stock. Using 10-gauge wafer tek screws to attach bracing stock to the unit and top connectors. Set out charts provide clear guidance for placement visit www.tracklok.com.au/downloads. Utilised in IL2, IL3 and IL4 buildings. **STOCK CODE: SPT-10T**



TRACKLOK® VERT - Service clashes are inevitable and although the TRACKLOK® range provides flexibility with bracing angles from 30° to 60° there will always be some situations where this is not enough. TRACKLOK® VERT gives the installer a tool to use a vertical brace on one arm allowing for the ultimate in clash avoidance. Steel head track must be a minimum of .75 BMT, while aluminium head track must have a minimum material thickness of 1.3mm. Utilises steel stud for bracing stock. Using 10-gauge wafer tek screws to attach bracing stock to the unit and top connectors. Also, available with RETRO and TIMBA bases. Set out charts provide clear guidance for placement visit www.tracklok.com.au/downloads. Utilised in IL2, IL3 and IL4 buildings. **STOCK CODE: SPT-10V**

GRIDLOK® RANGE/



GRIDLOK® - Designed and tested to provide a consistent maximum 280kg/f of bracing capacity to two-way grid ceiling systems and drywall grid systems. A simple click fit and screw off process dramatically reduces time required to complete back bracing. Plenum height chart provides guidance on steel stud BMT required for bracing arms. Features the ability to rotate the unit through 360° minimising service clashes. **STOCK CODE: GRD-10**



GRIDLOK® PEAK FORM - Designed and tested to provide a consistent maximum 280kg/f of bracing capacity to higher profile two-way grid ceiling systems and dry wall grid systems. Simple click fit and screw off process dramatically reduces time required to complete back bracing saving cost to project. Plenum height chart provides guidance on steel stud BMT required for bracing arms. Features the ability to rotate the unit through 360° minimising service clashes. **STOCK CODE: GRD-10P**



GRIDLOK® SCREW FIX TCR - Designed and tested to provide a consistent maximum 280kg/f of bracing capacity to the top cross rail of plasterboard ceiling systems. Simple click fit and screw off process dramatically reduces time required to complete back bracing. Plenum height chart provide guidance on steel stud BMT required for bracing arms. Features the ability to rotate the unit through 360° minimising service clashes. **STOCK CODE: GRD-10S**



GRIDLOK® C CHANNEL - Designed and tested to provide a consistent maximum 280kg/f of bracing capacity to the C Channel rail of plasterboard ceiling systems. Simple click fit and screw off process dramatically reduces time required to complete back bracing. Plenum height chart provide guidance on steel stud BMT required for bracing arms. Features the ability to rotate the unit through 360° minimising service clashes. **STOCK CODE: GRD-10C**



GRIDLOK® UNIGRID - Designed and tested to provide a consistent maximum 280kg/f of bracing capacity to the Armstrong UNIGRID system. Consistency in load capabilities is the key feature, while the ease of installation will dramatically reduce install times. Plenum height chart provide guidance on steel stud BMT required for bracing arms. Get a better result in less time. Features the ability to rotate the unit through 360° minimising service clashes. **STOCK CODE: GRD-10U**



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