



## OBJECTIVES/

The objective of the GAPLOK™ is to:

- Provide clearance from two-way grid lines enabling TRACKLOK® to be installed correctly.
- Provide a method of re-instating the structural integrity to the two-way grid whilst providing the necessary clearance from the two-way grid, required to install TRACKLOK®.
- Allow specifiers and installers to effectively brace off partition walls to safeguard people from loss of amenity caused by the behavior of partition wall systems during seismic activity or fire.
- Ensure partition wall systems comply with building code regulations and ceiling manufacturer warranty requirements.

## FEATURES AND BENEFITS/

- Provides for the re-instatement of the integrity of the two-way grid.
- Designed and tested to work with all ceiling grids.
- Applicable to all seismic zones and all seismic loads.
- Meets or exceeds all national code requirements.
- Engineered to eliminate ceiling grid interaction and to protect warranty.
- Designed to accommodate TRACKLOK® while providing required clearance.

## APPLICATIONS/

- Commercial Interiors
- Offices
- Schools
- Hospitals

## INSTALLATION GUIDE/

Following is the suggested solution to seismically secure partition walls, which are situated along the grid lines and requires the use of GAPLOK™.

- 1/ Set out head track (clamp or screw temporarily).
- 2/ Locate TRACKLOK® placement.
- 3/ Cut and remove the 35mm section of grid between the screws.
- 4/ Insert GAPLOK™ unit as per specification.
- 5/ Insert TRACKLOK® unit as per specification.
- 6/ Brace off the TRACKLOK® unit as per specification.
- 7/ Remove temporary fixings.

## MATERIAL/

Steel components are treated and hardened. Supplied screws have been specifically designed to use with the GAPLOK™ system. The GAPLOK™ system has been specifically designed to use with the TRACKLOK® system. The combined system is designed to work effectively to allow installers to follow specifier's requirements to run partition walls along the two-way grid lines when required.

## INSTALLATION/

Must be installed in compliance with standard industry practices and within the parameters of AS/NZS1170.0:2002 and AS/NZS4600:2005. Must be installed as per manufacturers specification. The GAPLOK™ unit must not be deformed or altered in any way. Partition walls and the TRACKLOK® system must also be installed as per manufacturer and/or supplier recommendations and/or specification sheets.

The GAPLOK™ system provides an axial load capacity of 3.1kN and uses 4 x 14 gauge M8 4.9 bolts (included) to secure to the tee section of two-way grid.

Use of the GAPLOK™ system requires the user to attach a hanger

to either end of the unit, fixed to structure over. This is as per the ceiling grid manufacturers specifications and recommendation for securing any breaks in the two-way grid.

Structural engineer and relevant regulatory bodies must approve variations of installation. Use of this product, while re-instating the seismic rating of ceiling grids, does not increase the seismic capability of the two-way grid.

## LIMITATIONS/

Use is for interior applications only. Not applicable for use as an anchor point or fixing point for associated trades. Structural engineer and/or regulatory bodies must approve configurations outside of specifications.

## CODE COMPLIANCE/

The information presented is correct to the best of our knowledge at the date of issuance. Because codes continue to evolve, check with your local official prior to designing and installing GAPLOK™. Other restrictions and exemptions may apply. Provide construction projects with a compliant proprietary unit to allow the use of

TRACKLOK® along grid lines. Complies with AS/NZS1170.0:2002, and AS/NZS4600:2005 and AS/NZ4219.

## TESTING/

Load testing and structural assessment have confirmed the applicability of the GAPLOK™ system for use in the re-instatement of two-way grid in preparation for the use of the TRACKLOK® system. The GAPLOK™ system provides an axial load capacity of 3.1kN and uses 4 x 14 gauge M8 4.9 bolts (included) to secure to the tee section of two-way grid.

## NOTICE/

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for any other than intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from the date it was or reasonably should have been discovered.