

Tate Grid Safety Guidelines

This information must be shared with all service providers who intend to suspend services from the Tate Grid system.

Tate Grid is a structural ceiling system designed to support static vertical loads. When installing services to the bottom M10 threaded channel, the following instructions must be adhered to:

1. Tate Grid is limited to a maximum point load of 1.7kN or distributed load of 2.4kN/m² based on 1,200mm x 1,200mm hanger spacing configuration.
Exceeding these values may cause a failure in the system.
2. Do not torque the threaded rod or bolts above 4.0Nm. Over torquing will damage the threads of the M10 slot reducing the load capacity of the Tate Grid System
Failure to adhere to this may result in the shearing of bottom slot threads reducing the load capacity of the Tate Grid system.
3. Equal care must be taken during the installation of the Tate Grid to not exceed the 4.0Nm torque limit on the top screws connecting the Tate Grid to the suitable connector
Failure to adhere to this may result in the shearing of top slot threads reducing the load capacity of the Tate Grid system.
4. Only screws supplied by Tate should be used on the top slot.
Failure to adhere to this may result in the reduction of the load capacity of the Tate Grid system.
5. For threaded rod connections, the rod should be fully engaged. For bolted connections, there must be at least 16mm thread engagement.
Failure to adhere to this may result in the reduction of the load capacity of the Tate Grid system.
6. Do not impose a dynamic load on the connection to Tate Grid. During installation of supported services, bracing is required to prevent dynamic load on the Tate Grid ceiling.
Moment forces imposed on the Tate Grid system may cause failure of the connection between the services and the Tate Grid system.
7. All bottom thread fixings should be completed to correct torque of 4.0Nm with suitable washers.
8. Tate Grid is NOT a walk-on ceiling.



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We reserve the right to change specification or design and supply products which may differ from those described and illustrated without notice and without liability. R: 12/2025