



## Direct Attachment to Ceiling Grid

### Limitations & Guidelines

The Fellert acoustical plaster system can be installed to 300mm" (12") o.c. drywall grid suspension. The substrate is constructed without a layer of GWB. The Fellert acoustical boards are mechanically attached to drywall grid thereby eliminating the need and cost for a layer of GWB. There is an increase in sound absorption performance in the low frequency range with the direct-to grid installation method which is commonly referred to as the E-400 mount and/or air gap behind. There are limitations to what types of substrate designs that can be done with the Fellert direct-to-grid method. The following are guidelines:

- Flat shapes are achievable with the normal Fellert direct-to grid installation method. This includes angled ceilings and walls 6' (1.82M) above FFL. This is the standard Fellert direct-to-grid application method and is expected from all trained installers.
- Domes and vaulted ceilings are not possible with the direct-to-grid system.
- HVAC system in the occupied space is to be properly balanced.