



**Donn T38 FR grid with Celotex Mineral Fibre tile  
600x600 Fine Fissured  
Fire rated ceiling system**

- 1. Performance criteria**
  - SANS 10177:Part 2- 60min fire rating (Stability and Integrity only)
- 2. Main Tees:**
  - Product: Donn T38 FR QRC Fire Rated Main Tees (locally manufactured).
  - Main tees shall be spaced at 1200mm centres. Main tees shall not be fixed to the wall. Do not stagger the Donn Fire Notches (locally manufactured). Donn Fire Notches (locally manufactured) shall be spaced at 3600mm centres.
- 3. Cross Tees:**
  - Product: Donn T38 FR QRC (1200) Cross Tee (locally manufactured) and Donn T38 FR QRC (600) Cross Tee (locally manufactured).
  - Install Donn T38 FR QRC (1200) Cross Tee (locally manufactured) at 600mm centres.
  - All full length Cross Tees to be suspended in the centre using Donn Hanger strap 19mm (locally manufactured).
  - Donn T38 FR QRC (600) Cross tees (locally manufactured) shall be clipped into the centre of the Donn T38 FR QRC (1200) Cross Tees (locally manufactured).
  - Perimeter Cross Tees more than 400mm shall be suspended.
- 4. Suspension:**
  - Product: Donn Hanger strap (locally manufactured) 19mm , Donn Wafer Head Tek screw 13mm
  - Donn Hanger strap (locally manufactured) 19mm shall be suitably fixed to the building structural members. We do not recommend using fixings with combustible components. Main tees shall be suspended at maximum 1200mm centres. Install additional hangers on both sides of the Donn Fire Notch (locally manufactured). The hangers on both sides of the Donn Fire Notch (locally manufactured) shall be positioned less than 150mm from the centre of the Donn Fire Notch (locally manufactured). Fix hangers to the main tees using 1 x Donn Wafer Head Tek screw 13mm. Fix Hangers to centre of all full length cross tees using 1 x Donn Wafer Head Tek screw 13mm. Perimeter suspension should not be more than 400mm from the wall.
- 5. Wall Angle:**
  - Product: Donn M6 Wall Angle (locally manufactured)
  - Wall angle shall be fixed to the wall using concrete nails spaced at 300mm centres.



**Donn T38 FR grid with Celotex Mineral Fibre tile  
600x600 Fine Fissured  
Fire rated ceiling system**

- 6. Ceiling Tile:**
- Product: Gyproc Celotex Fine Fissured
  - Thickness=15mm
  - NRC = 0.55
- 7. Accessories:**
- Product : Hold down clips
  - Secure ceiling tiles with hold down clips at 200mm centres
- 8. Insulation**
- Where required, for improved thermal and acoustic performance, lay Isover insulation (locally manufactured) onto the ceiling.

NB To be read with Lay-in Grid Finishing and Fixings and General Ceiling Design Guidelines documents.

