

# Calcium Silicate Ceiling

Ceiling at all heights with integral densified calcium silicate perforated tile with fibre and natural filler false ceiling of Size given below of approved texture, design and patterns having NRC (Noise Reduction coefficient) of 0.60 (minimum) as per IS 8225:1987, Light reflectance of 85% (minimum). Non-combustible as per BS:476 (part-4), fire performance as per BS:476 (part 6 &7), humidity resistance of 100%, thermal conductivity < 0.043 W/m K as per ASTM 518:1991, in true horizontal level suspended on interlocking metal T-Grid of hot dipped galvanised iron section of 0.33mm thick (galvanized @ 120 grams per sqm including both sides) comprising of main T runners of size 24×38 mm of length 3000 mm, cross – T of size 24×32 mm of length 1200 mm and secondary intermediate cross-T of size 24×32 mm of length 600mm to form grid module of size 600 x 600 mm, suspended from ceiling using galvanised mild steel items (galvanizing @ 80 grams per sqm) i.e. 50 mm long, 8 mm outer diameter M-6 dash fasteners, 6 mm dia fully threaded hanger rod . Wall angle of size 24x24x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic rawl plugs at 450 mm center to center and 40 mm long dry wall S.S screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in-Charge. With 10 mm thick tegular edged light weight calcium silicate perforated false ceiling tiles.

