



### **SPECIFICATION OF CREDENCE GI CLIP-IN PERFORATED CEILING TILES**

Providing & fixing CREDENCE GI metal Clip-in perforated bevelled edge powder coated GI ceiling tiles NIMBUS with fleece size of 600 x 600 x 0.5 mm in global white color and electro statically polyester powder coating of minimum 60 microns, GI sheet having galvanizing of 100 gms/sqm (both side inclusive). The epoxy powder coat of 60 microns should electro statically be applied in a controlled environment and then be baked to achieve the perfect fusion with the metal surface. The tiles should have Humidity Resistance (RH) of 100%, with Light Reflection of >75 %. (Only for Clip-in perforated tile 20% perforation area with 1.8mm dia holes, with a backing of factory pressed black non-woven tissue and having NRC of 0.5).

Installation: Providing and fixing 'C' wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring 'T' with GI Clip-in perforated ceiling tiles of size 600X600X0.5mm.