CAPCO

QS SPECIFICATIONS

EXPOSED TEE SUSPENDED CEILINGS

Capco Exposed Tee Grid System T38/24W

The suspension system shall support the ceiling assembly described, with a maximum deflection of L/360 of the span. Main tees and cross tees to measure 38 x 24 x 0,35mm. All tees shall be double web design with rectangular bulb and manufactured from 0,35mm thick galvanised steel. All tees to be covered with pre-painted white galvanised steel capping. Suspension shall be in accordance with the manufacturer's recommendations.

1200mm x 600mm System
Capco T38/24W Exposed Tee Grid System
Supply and install 3,600m Capco main tees at 1,200m centres in one direction and 1,200m Capco cross tees at 600mm centres perpendicular to main tees. Main tees to be suspended at 1,200m centres by means of CAPCO 19 x 0,5mm GMS strap hangers fixed to bulb of main tee with 4,2 x 13mm wafer-tek screws and to slab with 6 x 40mm express nails and M6 washers. Perimeter suspension shall be 600mm from the wall.

600mm x 600mm System
Capco T38/24W Exposed Tee Grid System
Supply and install 3,600m Capco main tees at 1,200m centres in one direction and 1,200m Capco cross tees at 600mm centres perpendicular to main tees. Fit 600mm Capco cross tees between the 1,200m cross tees to form a 600 x 600mm grid. Main tees are to be suspended from the structure at 1,200m centres with CAPCO 19 x 0,5mm GMS strap hangers fixed to bulb of main tee with 4,2 x 13mm wafer-tek screws and to slab with 6 x 40mm express nails and M6 washers. Perimeter suspension shall be 600mm from the wall.

Alternate Suspension Systems from RC Slab

1. **Wire Hangers (2,5mm)**
   Main tees to be suspended at 1,200m centres by means of CAPCO pre-straightened 2,5mm diameter galvanised wire hangers fixed through holes in main tee and hung from slab with 42 x 8mm rod anchors. Both ends of wire hangers to be twisted three times. Installation to be in accordance with CAPCO and SABISA installation instructions.

2. **Adjustable Rod Hangers (4mm)**
   Main tees to be suspended at 1,200m centres by means of CAPCO 4mm diameter galvanised adjustable top and bottom hangers. Top rod hangers to be hooked into 42 x 8mm rod anchors fixed into RC slab. Bottom rod hangers 300mm long to be hooked into holes in main tees. Top and bottom rods to be joined with adjustable spring clips. Rod hanger bends to be minimum of 40mm. Installation to be in accordance with CAPCO and SABISA installation instructions.

Alternate Suspension Systems from Steel Purlins

1. **Strap Hangers (19 x 0,5mm)**
   Main tees to be suspended at 1,200m centres by means of CAPCO 19 x 0,5mm GMS strap hangers fixed to main tees with 4,2 x 13mm wafer-tek screws and wrapped around purlins and secured with 4,2 x 13mm wafer-tek screws.

2. **Wire Hangers (2,5mm)**
   Main tees to be suspended at 1,200m centres by means of CAPCO pre-straightened 2,5mm diameter galvanised wire fixed through holes in main tee and hung from steel purlins with CAPCO purlin clips. Both ends of wire hangers to be twisted three times. Installation to be in accordance with CAPCO and SABISA installation instructions.

3. **Adjustable Rod Hangers (4mm)**
   Main tees to be suspended at 1,200m centres by means of CAPCO 4mm GMS rod hangers in two parts. Bottom 300mm rod hanger hooked through holes in main tees and attached to top rod with adjustable spring clips. Top rod hanger to be suspended from purlin by hooking same into purlin clip. Rod hanger bends to be minimum of 40mm.