



BRIEF SPECIFICATION FOR LOCK SUSPENDED GRID SYSTEM BY SCP

The system's locking feature makes it simple to assemble and disassemble without the use of any additional tools. The IMS T24 system which creates the grid system uses a snap lock mechanism to secure the profiles at connection points.

System Elements

1) Main runner 3750mm

Main runner 3750 mm length , 38 mm height , and 24 mm width . It is the main element of the whole suspension system . The thickness of hot dipped galvanized steel is 0.30 mm , protected by a 170 gr./m² zinc (Zn) layer meeting the requirements of the development of the steel strip is :

- For "T" bar 24 mm width, 104 mm wide for main runner
- For "T" bar 24 mm width, 88 mm wide for secondary runners

The main runner is roll formed out and during this process a hot dip galvanized steel according to EN 10346-EN 10142-EN 10143 coating mass Z100-z275g/mm². Steel coil thickness 0,3mm , steel grade DX51D , or aluminum according to EN -573 thickness 0,3 alloy 3104 not thermally hardened , purity 99-99,8% and bearing H46 (220-270 n/mm²) colour finish.

Coating process thermosetting polyester paint by rollercoating method according to EN 10169.

- For "T" bar 24 mm width, 30 mm wide

CODE NUMBERS :

- 60150 Main runner 3750 mm width 24 mm module 600X600 – 600X1200



2) Cross Tee 1200mm

Cross tee 1200 mm length for module 600X600 – 600X1200 , 30 mm height and 24 mm width. The locking end tabs are nondirectional and secure easily in the slots of the main runner providing quick but firm installation. The mounting and dismantling is simple without the use of any tools.

All the remaining technical specifications are the same with the main runner.

CODE NUMBERS:

- 64150 Cross tee 1200 mm flange 24 mm module 600X600 – 600X1200

3) Cross Tee 600mm

Cross tee 600 mm length for module 600X600mm ,30 mm height , and 24 mm width. The locking end tabs are non directional and secure easily in the slot of main runner or 1200 mm cross tee providing quick but firm installation. The mounting and dismantling is simple without the use of any tools.

All the remaining technical specifications are the same with the main runner.

CODE NUMBERS:

- 62150 Cross tee 600 mm flange 24 mm module 600X600

4) Wall angle

“L” profile wall angle 24X24 mm size, 3050 mm length . Made of skin passed galvanized steel strip 0.50mm thickness EN-573 alloy 3104, not thermally hardened, purity 99~99.8% is adapted giving the required colour finish.

Coating process thermosetting polyester paint by rollercoating method according to EN 10169.

The width of the steel strip is 53 mm.

CODE NUMBER:

7010 Wall angle, dimensions 24X24 mm



5) Hanger elements

Suspension hanger of galvanized 3 mm thickness steel rod 250,500,750 and 1000 mm length with a hook on one side to get in the slot of the steel anchor or in the hole of the main runner .

CODE NUMBERS:

- SG25 Suspension hanger 3 mm diameter 250 mm length
- SG50 Suspension hanger 3 mm diameter 500 mm length
- SG75 Suspension hanger 3 mm diameter 750 mm length
- SG100 Suspension hanger 3 mm diameter 1000 mm length

Double spring steel clip butterfly type 55 mm (height) X 30 mm (width) , 0.5 mm thick electro-plated zinc with chromate passivation to prevent tarnishing during handling and storage .
Maximum overall length from 200 mm to 1800 mm using the additional hang rod with the spring clip.

CODE NUMBER :

- S3 Double spring clip

Spring steel 1.2 mm thick , 8.75 mm in diameter with a slot 10X5 mm on one side. Dipped in rust-preventing oil with oxidized finish . Vertical fitting carries up to 40 kgr.

CODE NUMBER :

- AN-8 Steel anchor 8mm

