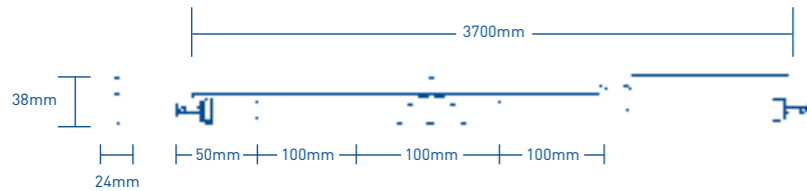
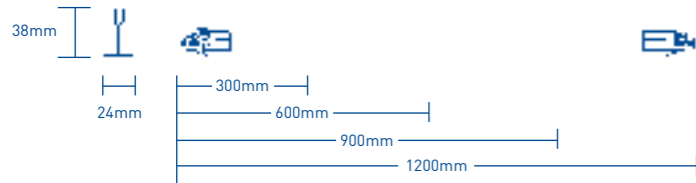


Component details

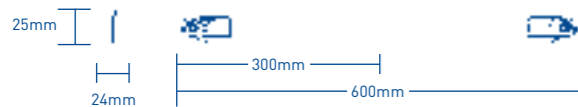
Main Runner, product code: 656340



1200mm Cross Tee, product code: 656343



600mm Cross Tee, product code: 656342



Perimeter trim, product code: 656344



Maximum allowed weight of tiles per m² of ceiling

Hanger distance (mm)	Module			
	Main runner at 1200mm		Main runner at 600mm	
	600 x 600mm	600 x 1200mm	600 x 600mm	600 x 1200mm
800	23.7Kg	23.9Kg	-	-
1000	23.7Kg	23.9Kg	55.9Kg	56.3Kg
1200	12.8Kg	12.9Kg	26.3Kg	26.6Kg
1500	4.6Kg	4.8Kg	10.0Kg	10.3Kg

Note: The load per m² must be distributed uniformly (no point loads) over the ceiling area. After loading, the deflection of any grid component will remain within the maximum deflection per span as stated in BS: 8290: 1991, provided the grid layout is as presented in the sketch.



Please consult CCF for other layouts, load or hanger distance.

Specification

Grid shall be Treetex TX24 exposed grid system, hot dipped galvanised (HDG) steel 'T' section with pre-painted capping. Table width 24mm. To suit module sizes 600 x 600mm and 600 x 1200mm.

Main runners:

38 x 24mm, product code: 656340 shall be normally spaced at 1200mm centres and suspended from the structure or soffit using pre-straightened 2mm diameter HDG steel wire hangers, product code: 546541, at typically 1200mm centres. First hanger shall be no more than 400mm from the perimeter. Main runners joined end on by means of the integral splice. Splice connections shall be supported within 150mm with a hanger, and shall be staggered across the ceiling area.

Cross tees:

1200mm cross tees, 38 x 24mm ref DXB24TH120, shall be installed perpendicular between the main runners at 600mm centres to form a 1200 x 600mm module. If applicable, 600mm cross tees, 25 x 24mm ref TXB24TS60, shall be installed perpendicular between the 1200mm cross tees to form a 600 x 600mm module. All cross tees feature a 'butt cut' end detail.

Perimeter trims:

29mm x 19mm painted white HDG steel angle trim, product code: 656344, fixed to the main runner using appropriate self drilling screws or nut and bolt fixings fixed through the bulb of the main runner.

Hangers:

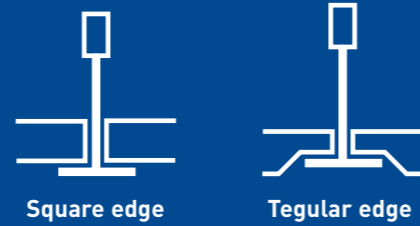
Shall be pre-straightened 2mm diameter galvanised steel wire, product code: 546541. Wire shall be fixed through holes in stalk of main runner and wrapped around itself a minimum 3 times.

Alternatively, a 25 x 25mm HDG steel angle section, product code: 535353, can be fixed to the main runner using appropriate self drilling screws or nut and bolt fixings fixed through the bulb of the main runner.

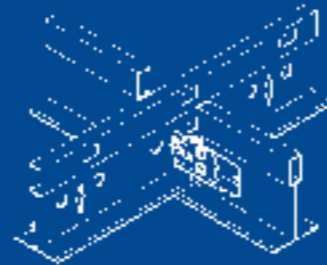
Hold down clips:

Where applicable, these shall be non removable type clips, product code: 543465. These generally will only be required in certain fire protecting assemblies or where there is a risk of tile uplift. Where fitted, these should be applied to all grid members at a rate of 8 clips per tile.

Tiles supported by Treetex TX24 suspension grid



Cross section



Main tee and cross tee connection.

Fire resistant expansion joint



TX main tees are designed to expand at the firelance in the event of a fire (shown here). This maintains the structural integrity of the ceiling and holds tiles in place.

Accessories



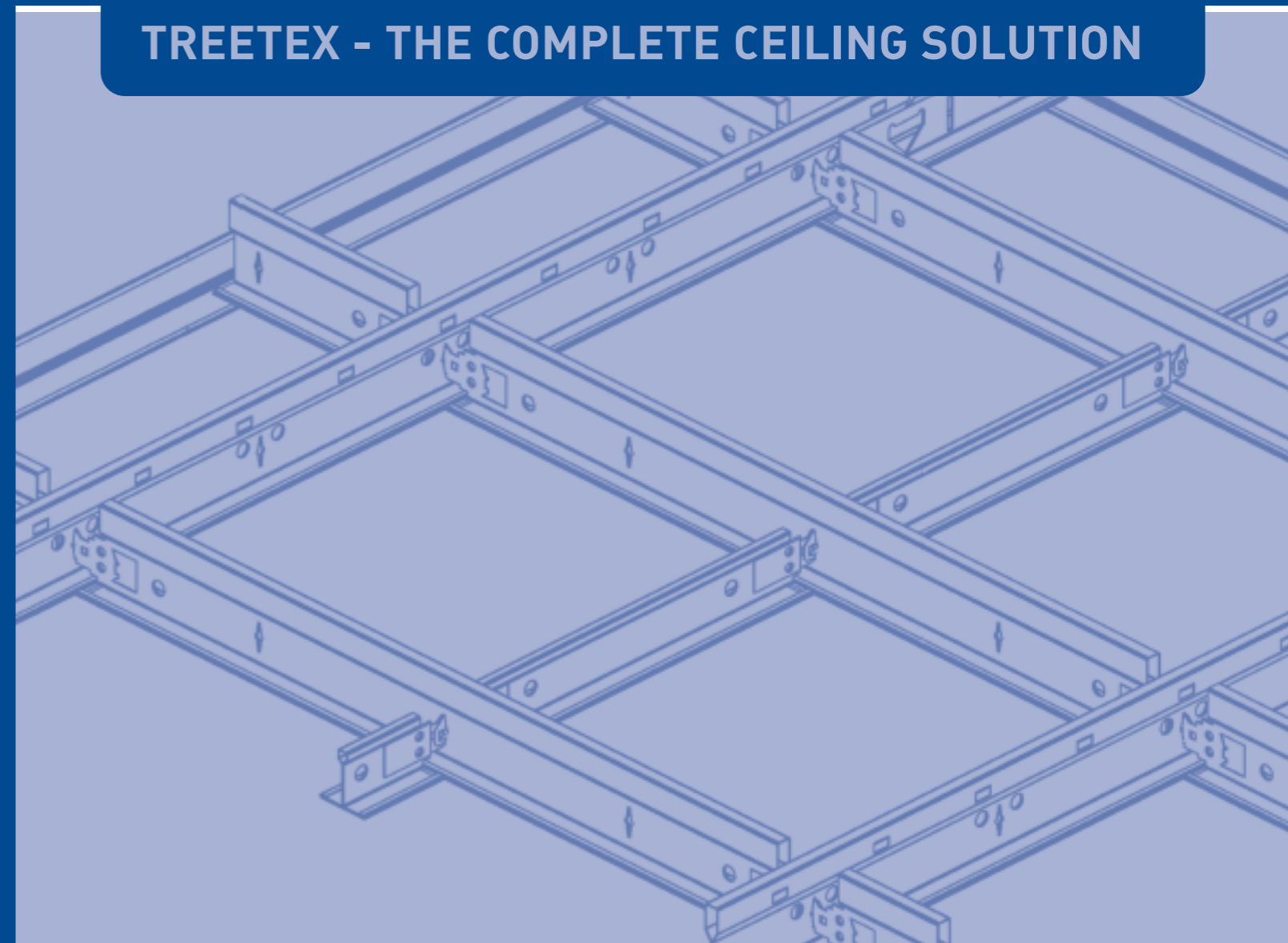
2mm Galvanised steel wire
product code: 546541

25 x 25mm HDG steel angle section
product code: 535353

Uniclass L387	EPIC C471/1
Cl/SfB 35.9	Xh2

TREETEX TX24 SUSPENSION GRID

TREETEX - THE COMPLETE CEILING SOLUTION



TX24 SUSPENSION GRID

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TREETEX
CCF CEILING SOLUTIONS

Install ceilings using the new Treetex TX24 suspension grid

The new Treetex TX24 suspension grid is a 24mm wide demountable butt cut exposed tee grid system for use with lay-in ceiling tiles. It offers you excellent quality at competitive prices and is available exclusively from CCF.

Treetex TX24 offers you a ceiling suspension system that's not only strong, quick and easy to install. It's also just as easy to remove without the need for tools. So you can work smarter, not harder.

A sure fit installation

The patented clip design means that the grid installs with a self-aligning stab-in action and an audible click. So you can be absolutely sure you've made a strong, positive connection every time. In addition, cross tees cantilever for added safety and cannot be over-inserted.

Tight and square joints

Not only quick to install, the Treetex patented clip design provides close-locking tolerance for tight module control and clean, square lines. This makes it ideal for all ceiling areas.



You will hear and feel a click as the first tee locates - and another as the second tee is inserted. The two clips lock together for a very strong connection.

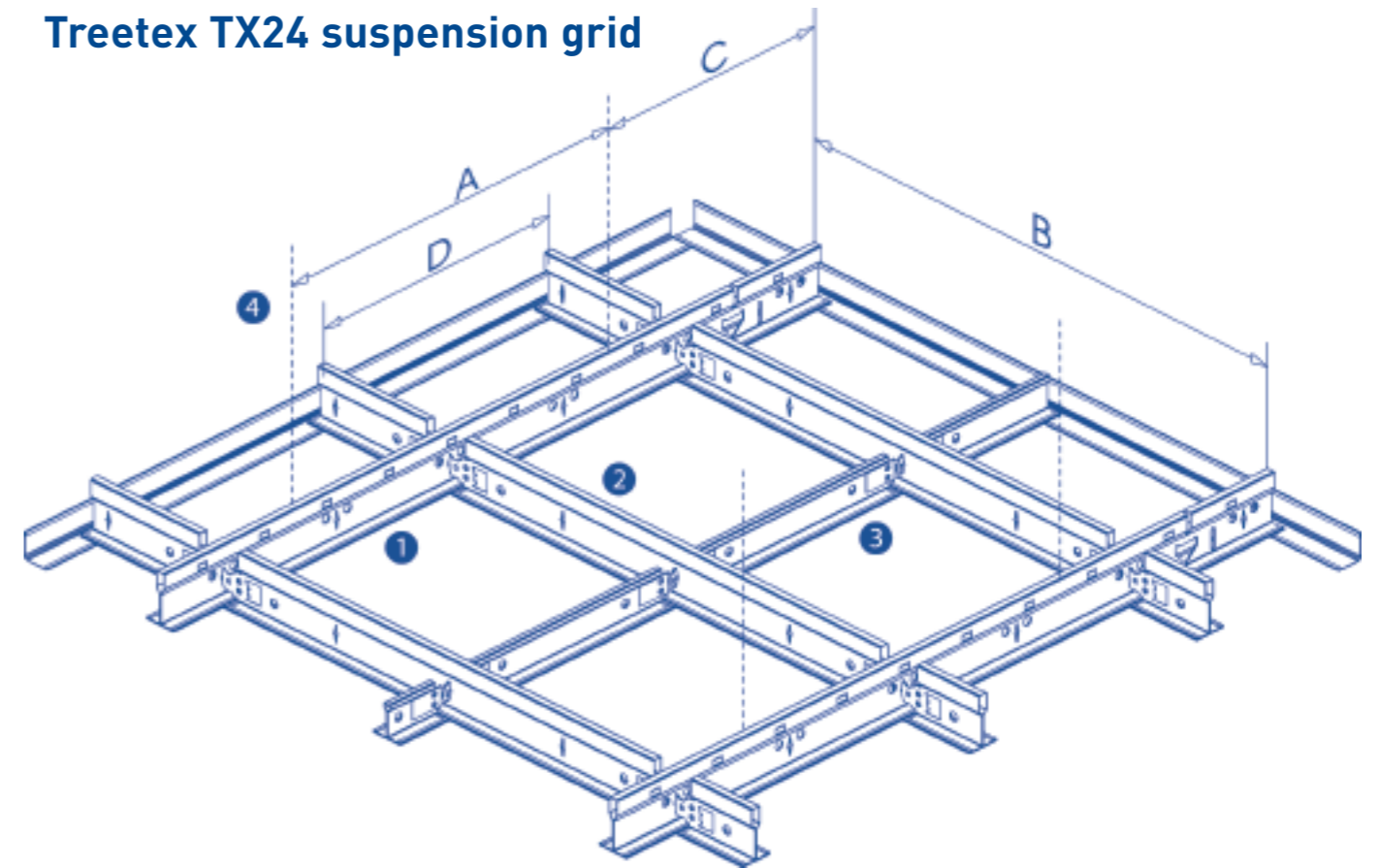
Easier removal

When it comes to maintenance or access to services, Treetex TX24 is the perfect solution. To remove a cross tee, simply rotate and twist the cross tee/main runner intersection and the cross tee is released. No tools are required and the system is fully reusable.



Simply hold the main runner with both hands and place your thumb under the main runner and cross tee junction. Give the main runner a quick, short twist and it's done. No tools are required.

Treetex TX24 suspension grid



Suspended ceiling top fixings

Angle Fixing Bracket,
product code: 548612



Concrete Anchor,
product code: 543928



Vertical Flange Hanger,
product code: 543465



Material needed for TX24 suspension grid construction (per m² ceiling)

	Description	Product code	600 x 600mm	600 x 1200mm
1	Main Runner	656340	0.83 lin m	0.83 lin m
2	1200mm Cross Tee	656343	1.67 lin m	1.67 lin m
3	600mm Cross Tee	656342	0.83 lin m	N/A
4	Perimeter angle trim	656344	0.5 lin m	0.5 lin m

Suspension Layout

Ref.	Distance (mm)
A	max. 1200
B	1200
C	max. 400
D	600

Other benefits include:

- Available in 600mm and 1200mm module sizes
- Stab system and butt cut cross tees to improve grid rigidity during installation
- Butt cut system to allow tiles to sit flush in the grid and eliminate corner shadows
- Certified to meet stringent fire rated performance criteria
- Fully demountable
- Quick and easy to install
- Fully compatible with traditional suspension fixing methods
- CE mark of quality
- Suits both square edge and 24mm tegular edge tiles
- Compatible with all manufacturers T24 lay-in ceiling tiles
- Suitable for use with modular lighting requirements
- Available ex-stock nationally