

Suprafine 32

15mm Exposed Tee System



Connection strength

- XL² Clip staked-on end detail provides doubly secure locked connection between Tee to Tee & Tee to main beam with a **pull out strength over 100 Kg**
- The stab end is precision stamped from a separate piece of high grade steel permitting an increased accuracy and strength over the more conventional integral forming of the Cross Tee ends
- The advanced stab system that locates with an audible **“click”**, ensuring a solid & speedy installation at all times. The connection is **equally easy to remove, reuse and relocate**

Rotary Stitched for strength

The unique **“rotary stitched”** construction mechanically locks together the two metal layers of the vertical web in a sophisticated in-line process. **Stitching enhances the torsional strength and extra stability pre/post installation.**

Hot dipped galvanized

- Inhibits red rusting better and longer than electro galvanized systems
- Installation of grid can start before the building is enclosed
- Long term system performance because entire system is hot dipped galvanized steel

Accurate grid size

- Best installation effect
- Armstrong ceiling system designed to match load capability, dimension and color etc perfectly



Typical Applications

- Offices
- School
- Hospitality
- Retail
- Healthcare



Rotary Stitching



Connection strength



15 YEAR
warranty

15 year limited warranty with Armstrong Ceiling System

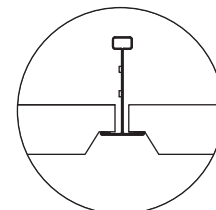
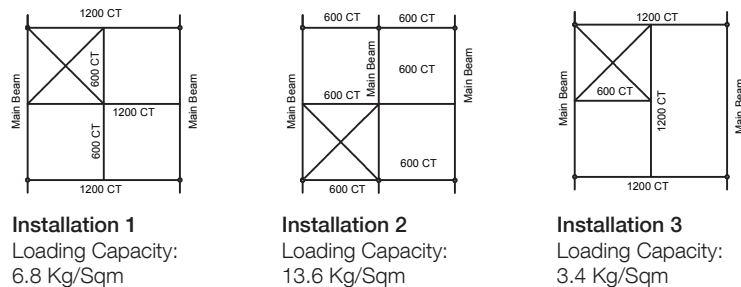
Visual Selection					Performance Selection	
Grid	Face	Item No. Description	Dimensions	Packing (pcs/ctn)	Load (Kg/m)*	ASTM Duty Class
15mm	BP7542102I	3000mm Main Beam	3000x15x32mm	20	8.1	Light Duty
15mm	BP7530102I	1200mm CrossTee	1200x15x32mm	60	-	-
15mm	BP7520102I	600mm Cross Tee	600x15x32mm	60	-	-
19mm	BPT1945HI	3000mm Wall Mold.	3000x19x19mm	30	-	-

*ASTM Class

- HD** -Heavy-duty (23.8 Kg/m) for Commercial with load of heavy service fixtures
ID -Intermediate-duty (17.88 Kg/m) for Residential/Commercial with load of service fixtures
LD -Light-duty (7.45 Kg/m) for Residential/Commercial without load of service fixtures

HANGER SPACING @1200mm

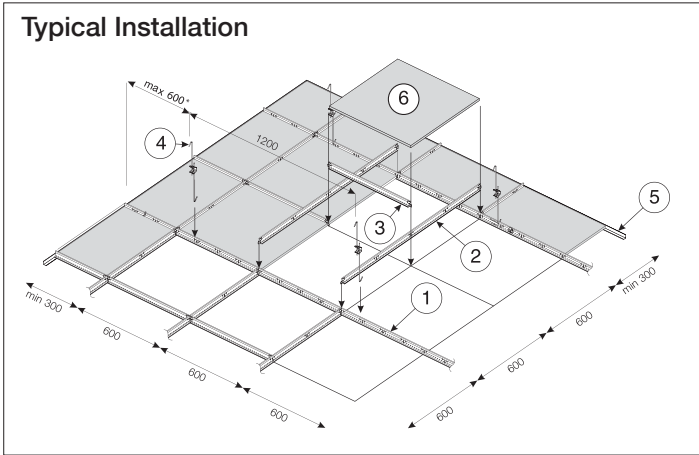
Load bearing capacity depends on layout of the installation



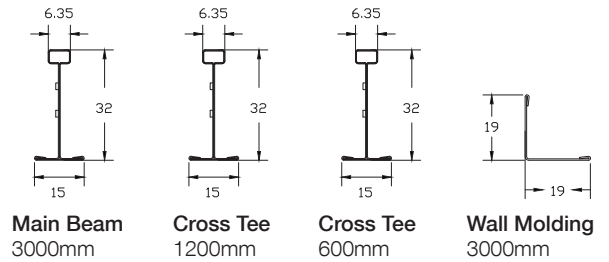
Standard lay-in installation of 24mm exposed suspension system using Board or Tegular tiles.

NOTE: The above data is based on 1200mm hanger wire spacing, board weight of 1 lb./SF, maximum deflection of tees not to exceed 1/360 of the span, and suspension system installed in accordance with ASTM C636.

Typical Installation



Section Drawings



Installation		Quantities required per 100 m ² (no wastage included)				
Main Beam Centre	Hangers Centres	Main Beam 3000mm Cartons/Pcs ①	Cross Tees 1200mm Cartons/Pcs ②	Cross Tees 600mm Cartons/Pcs ③	Hangers Pcs ④	Ceiling Panels (600x600mm) Pcs ⑥
1200mm	1200mm	1.15/23	2.32/139	2.32/139	139	278

⑤ ## Perimeter trim depends upon room geometry

Physical Data

Material : Double-web hot dipped galvanized steel
 Surface Finish : Baked polyester paint
 Cross Tee/Main Beam Interface : XL-Override

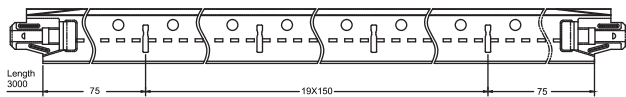
End Detail
 Main Beam : C3 Coupling
 Cross Tee : Staked-on Clip

Profile : Exposed tee system
 Classification : Light duty

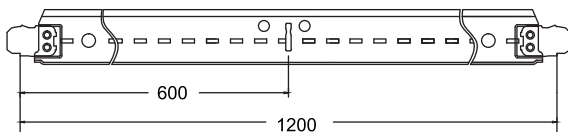
ASTM C635
 Low-duty main beam classification, commercial quality cold rolled hot dipped galvanized steel. Exposed surface chemically cleansed, galvanized capping prefinished in baked polyester.

Recycled Content : 25%
 Color Selection : White

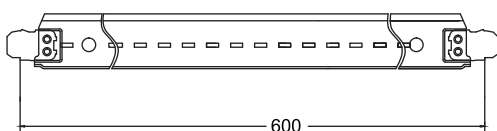
Suprafine 32 Main Beam (3000x15x32mm)



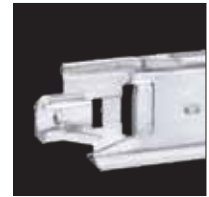
Suprafine 32 XL² Cross Tee (1200x15x32mm)



Suprafine 32 XL² Cross Tee (600x15x32mm)



Suprafine 32
15mm Exposed Tee grid



Main Beam with
Integrated C3 Coupling



Cross Tee
With Hardened XL² Clip