



T - Grid System

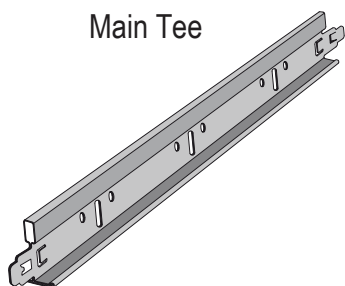
4 – 2022

T-Grid 15 Suspension Systems

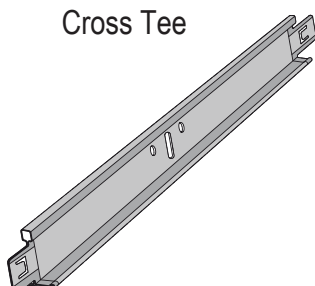
The Knauf T- grid suspension system is designed and manufactured to ensure both structural and aesthetic integrity in all ceiling designs. The clever clip-in design makes it fast and easy to install but also easy to remove without the need for tools.

T-Grid System

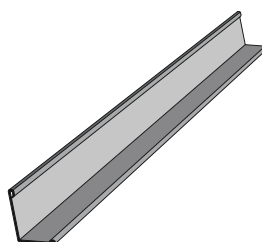
Main Tee



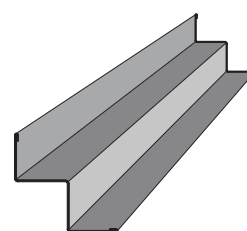
Cross Tee



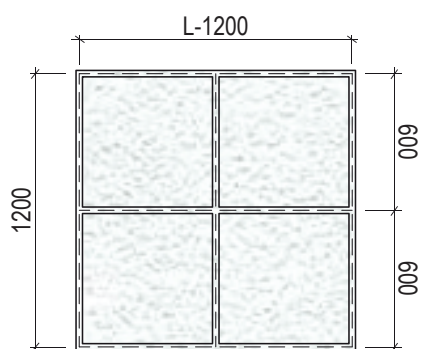
Wall Angle



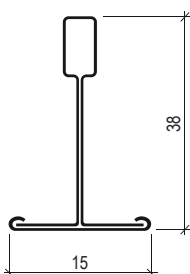
“W” Shadow Angle



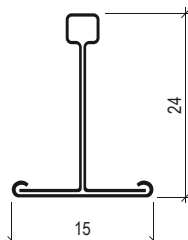
L=Distance between suspension points



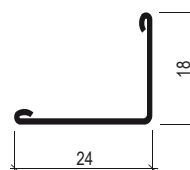
Main Tee
L=3.6 m



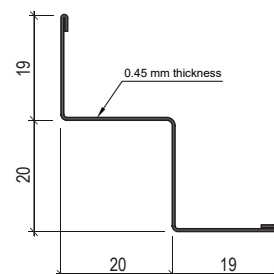
Cross Tee
L=1.2 m & 0.6



Wall Angle
L=3.0 m



“W” Shadow Angle
L=3.0 m



15mm Exposed Tee System

Regular T-Grid Suspension System

Physical Data

- Material** - Hot dipped galvanized steel
- Surface Finish** - Baked polyester paint
- Cross Tee / Main Tee Interface** - Stepped ends
- Profile** - Exposed tee system

Hangers

Shall be of 2mm diameter steel wire or alternatively 4mm steel wire rods with adjustable clip. Hangers shall be connected to the main runner through twisting the wire through the pre-made holes within the main runner and wrapping it a minimum of 4 times. Hangers are to be spaced a maximum 1200mm on centers and fixed to the main structure or soffit with appropriate fixing dowel.

System Characteristics

- Exposed 15mm system
- Fast and simple to install
- Maximum economy and design simplicity
- Cross-tees with override-ends resist twisting and give professionally finished look with no exposed steel edges
- Quick clip design: easy to remove without tools
- Compatible with most lay-in ceiling tiles

Cross Tee

The 1200mm cross tees 24mm x 15mm are to be installed perpendicular between the main runners at 600mm on centers this is to form a 1200 x 600 grid. If required the 600mm cross tees 28mm x 15mm are to be installed perpendicular between the 1200mm cross tees to form a 600mm x 600mm grid

Main Tee

The 38mm x 15mm main runner is to be spaced no more than 1200mm on centers, it is to be suspended from the soffit or main structure by means of 2mm steel wire or 4mm wire rods and spaced at 1200mm on centers.

Where main runners need to be spliced a supporting hanger is to be located no more than 150mm from each end.

Perimeter Wall Angle

24mm x 18mm perimeter wall angle should be fixed to the structure with appropriate fixings at a maximum of 600mm on centers.

Quantities required for m2 construction (no waste included)

Products	600 x 600	600 x 1200
Main Tee	0.84 lm	0.84 lm
Cross Tee 1200	1.67 lm	1.67 lm
Cross Tee 600	0.84	
Hangers	0.70 pcs	0.70 pcs

KNAUF

كناوف



For more information please contact us at info@knauf.ae

Knauf Head Office



Phone: +971 4 337 7170

Fax: +971 4 334 9659

P.O.Box: 112871, Dubai

info@knauf.ae

www.knauf.ae

Knauf Qatar Branch

P.O.Box 27111

Doha, State of Qatar

Tel: +974 4452 8191

Fax: +974 4452 8181

Knauf Manufacturing Plant

P.O.Box 50006

Ras Al Khaimah, U.A.E.

Tel: +971 7 221 5300

Fax: +971 7 221 5301

POWERED BY:

PREMIER
premier.partners

The information provided in this leaflet is only intended to give guidance in selecting and using Knauf products. While we make every effort to ensure its accuracy, neither Knauf LLC and its branches nor any of its employees or affiliates warrant or assume any legal liability or responsibility for the completeness or usefulness of any failure in installation or constructing any structure installation or building or caused by using this leaflet. Readers are advised to independently verify this information prior to rely on it. In particular, readers must obtain appropriate independent advice on the use of products in specific structures, installations or buildings to ensure compliance with all regulations, including health and safety regulations. Knauf reserves the right to amend technical specification without notice.

The constructional and structural properties, and characteristic building physics Knauf system can solely be ensured with the exclusive use Knauf system components, or other product expressly recommended by Knauf.