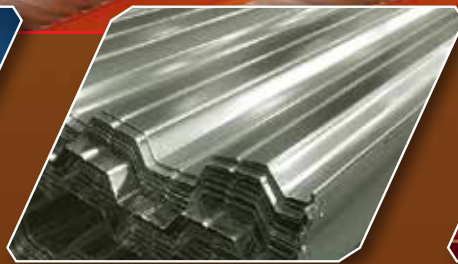




Technical Supplies & Services Co. LLC.



Structural Components



Since inception in 1961, TSSC, a primary member of Harwal Group has been setting manufacturing benchmarks in the region with its engineering excellence. The ISO 9001:2008 certified company manufactures a diverse range of products and offers a range of services from its facilities spread across Sharjah, Dubai and Abu Dhabi. TSSC is the largest manufacturer of insulated panels for roofing and cladding in the Middle East. The building materials manufactured by TSSC are fire rated and carry individual product certifications. With over 4 decades of experience, state of the art manufacturing facilities and the largest production capacity in the Middle East, TSSC manufactures products to international quality standards and cater to customer demands by ensuring timely delivery and providing exceptional service.

Range of Products Manufactured by TSSC

Building Materials

- Composite Panels
- Profiled Cladding Sheets
- Seamless Roofing System
- Doors & Windows
- Curtain Walls (Stick System & Unitized Glass)



Commercial Refrigeration

- Merchandising Refrigerators (Visi coolers & Freezers)



Cold Stores

- Cold Rooms
- Freezer Rooms
- Refrigerated Vehicle Bodies



Industrial Storage Solutions

- Racking System



Factory Manufactured Houses & Shelters

- Factory Manufactured Houses
- Telecom Shelters
- Portable Cabins
- Containerized Units



Metal Products

- Metal Sheds
- Cable Trays
- Trunkings



Stainless Steel Products

- Kitchen & Laundry Equipments
- SS Water Coolers
- SS Refrigerators & Freezers



Services

- Galvanizing
- Coil Coating

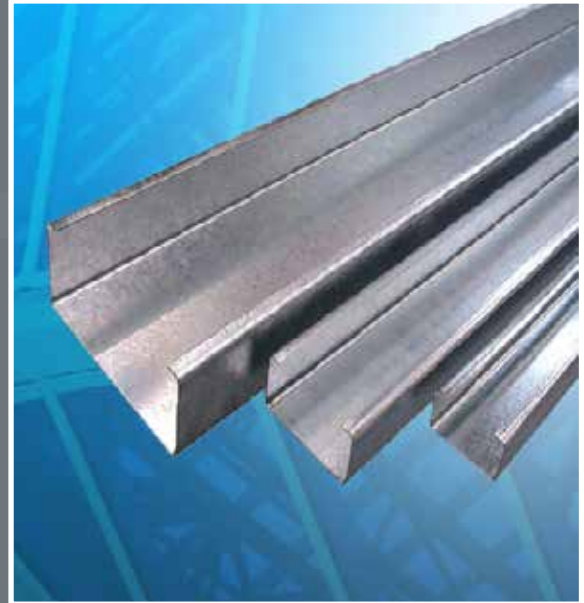


Metallic Components

Z Purlin

C and Z Section purlins that act as secondary support for roofing sheets and composite panels are manufactured by TSSC to be used in a wide range of industrial and commercial applications. The purlins are accurately roll formed from high strength zinc coated steel and provide an efficient, light weight, economical solution for roofing & cladding.

C and Z Section purlins are available in different sizes, ranging from 142 to 302 mm deep. We also supply a full range of designed accessories needed to complete the cladding and roofing of the buildings. The data sheets provide more detailed technical information about the purlins and accessories.



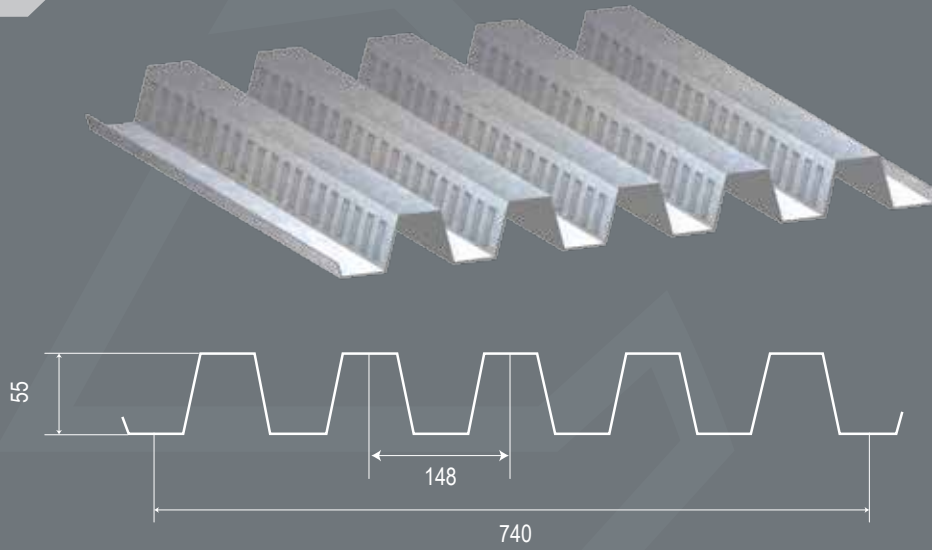
Metal Decking

TSSC Metal Decking profiles are considered as international steel design standards with maximum strength. The Steel Floor Deck has a ribbed profile with embossments designed to bind together with concrete slabs, creating a reinforced concrete slab serving the dual purpose of taking up a permanent form to become part of the floor and also offer positive reinforcement. TSSC Metal Floor Deck is typically used for multi-story buildings, mezzanines, bridge walkways, porches, in-fills, platforms and parking garages, storage facilities, etc.

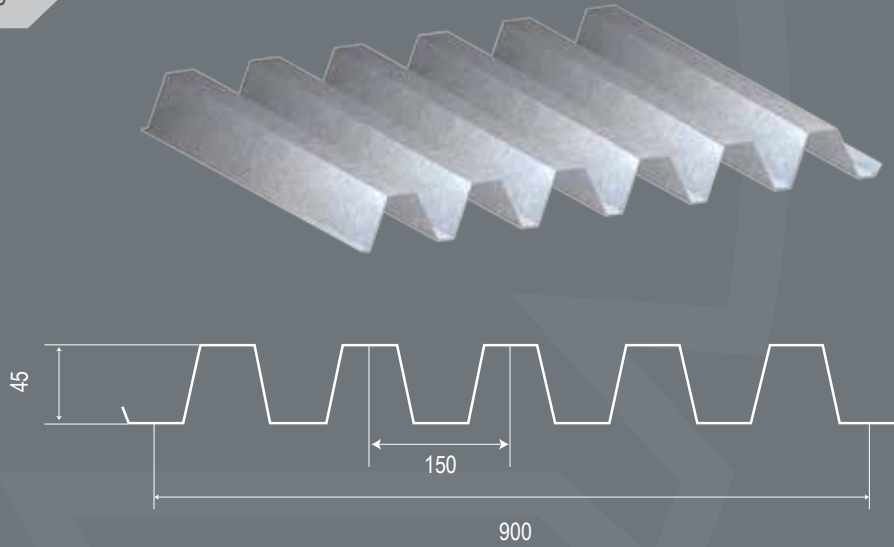
TSSC supplies decking profiles with thicknesses ranging between 0.5 mm and 1.5mm. The data sheets provide more detailed technical information about the decking.



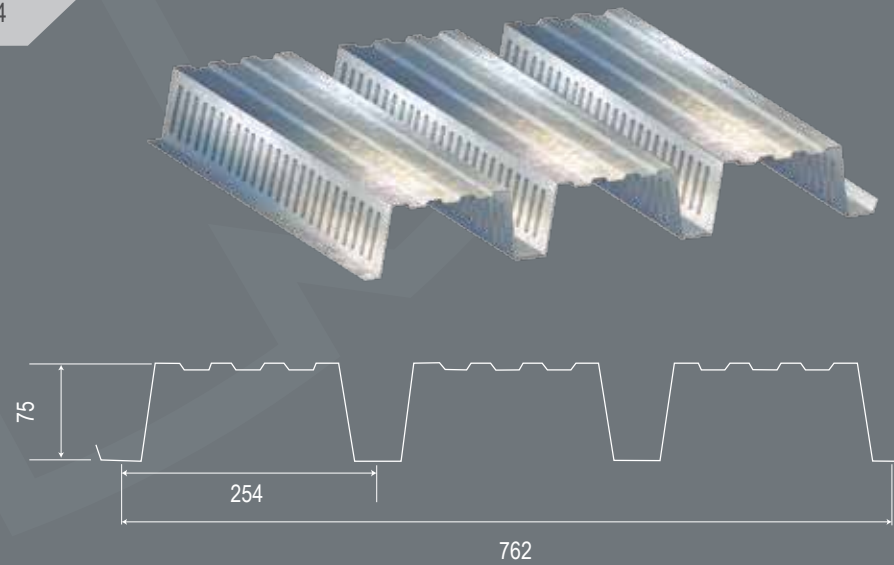
TSD 55 / 148



TSD 45 / 150

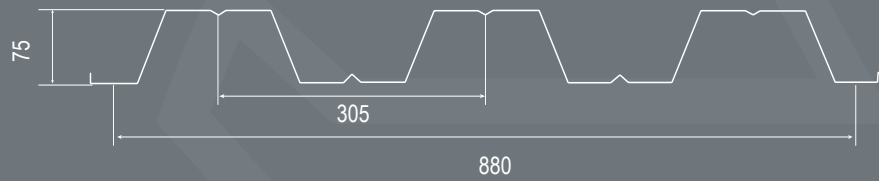
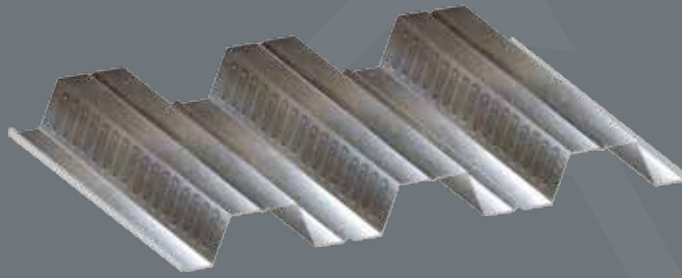


TSD 75 / 254

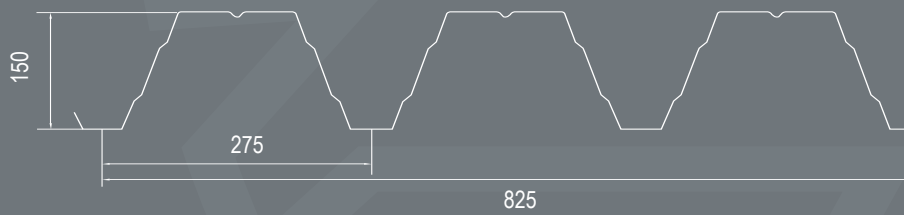
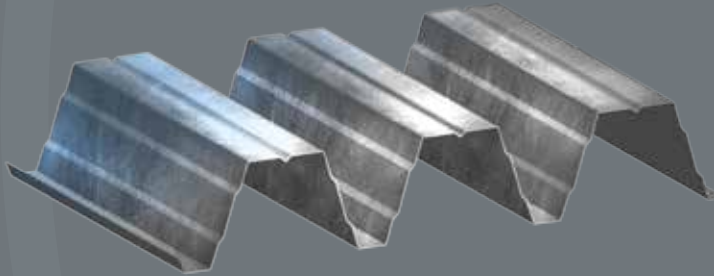


Structural Components

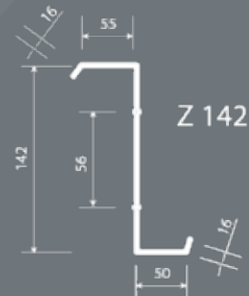
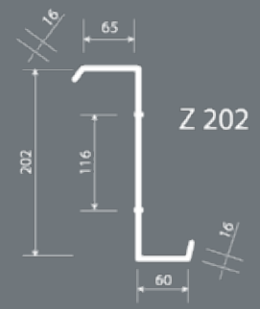
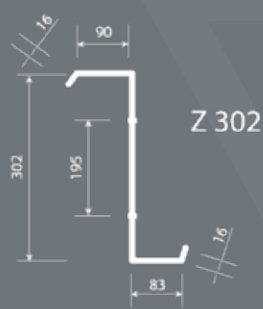
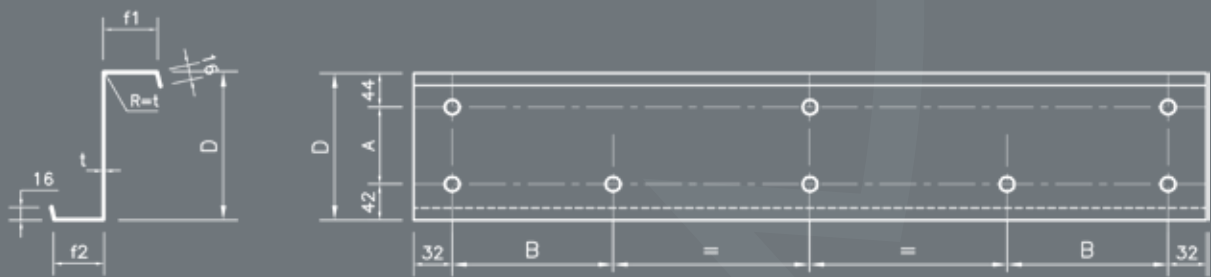
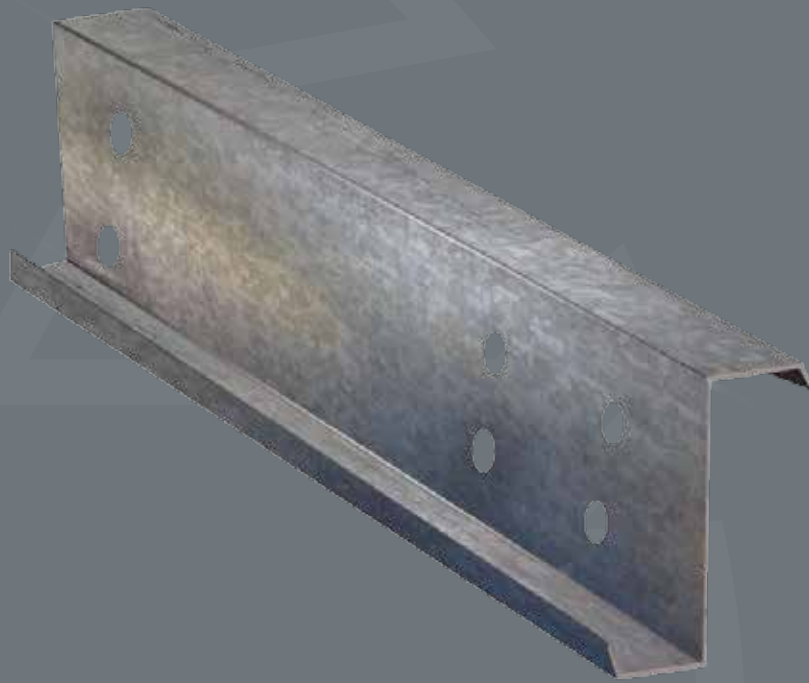
TSD 75 / 305



TSD 150 / 275



Z Purlins





Quality Assurance Policy

For decades, the Quality Management System followed by TSSC has ensured that the products and services offered by the company always surpass the expectations of its customers. Continuous improvement is an ongoing characteristic of our ISO 9001:2008 system to improve every operational process. As a leading manufacturer, TSSC has always stayed focused on finding new ways to design, produce, sell and deliver quality products at economic prices.

TSSC has QA/QC departments to continuously monitor their operational processes and product quality. TSSC's state of the art QC laboratories ensure that products supplied meet the various international standards to which they are designed and produced. The production line implements a continuous quality system that conforms the quality at each stage of production. Most of TSSC products are approved by third party certifying agencies. We are ISO 9001 : 2008 certified by VINCOTTE INTERNATIONAL MIDDLE EAST. TSSC composite panels have very high fire ratings and TSSC is under the process of obtaining FM approval for all the panels they manufacture. Besides these, most of TSSC products are DCL approved.

TSSC offers up to 25 years guarantee (according to the specifications) against manufacturing defects for all polyurethane insulated panels.

Moreover, TSSC's stringent vendor qualification system selects the best international manufacturers and suppliers for the production and procurement needs. Some of the major suppliers for TSSC include -

- | | |
|----------------------|-------------|
| • HUNTSMAN | USA |
| • BAYER | GERMANY |
| • KASON | USA |
| • DAN-DOORS | DENMARK |
| • PASTORE & LOMBARDI | ITALY |
| • CORUS | UK |
| • OTEFAL | ITALY |
| • ARCELOR | EUROPE |
| • HINDALCO | INDIA |
| • UNI COIL | KSA |
| • BLUESCOPE | AUSTRALIA |
| • JSW STEEL | INDIA |
| • UTTAM GALVA | INDIA |
| • BASF | GERMANY |
| • NATIONAL STEEL | INDIA |
| • ESSAR STEEL | INDIA |
| • POSCO | SOUTH KOREA |
| • YUSCO | TAIWAN |





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