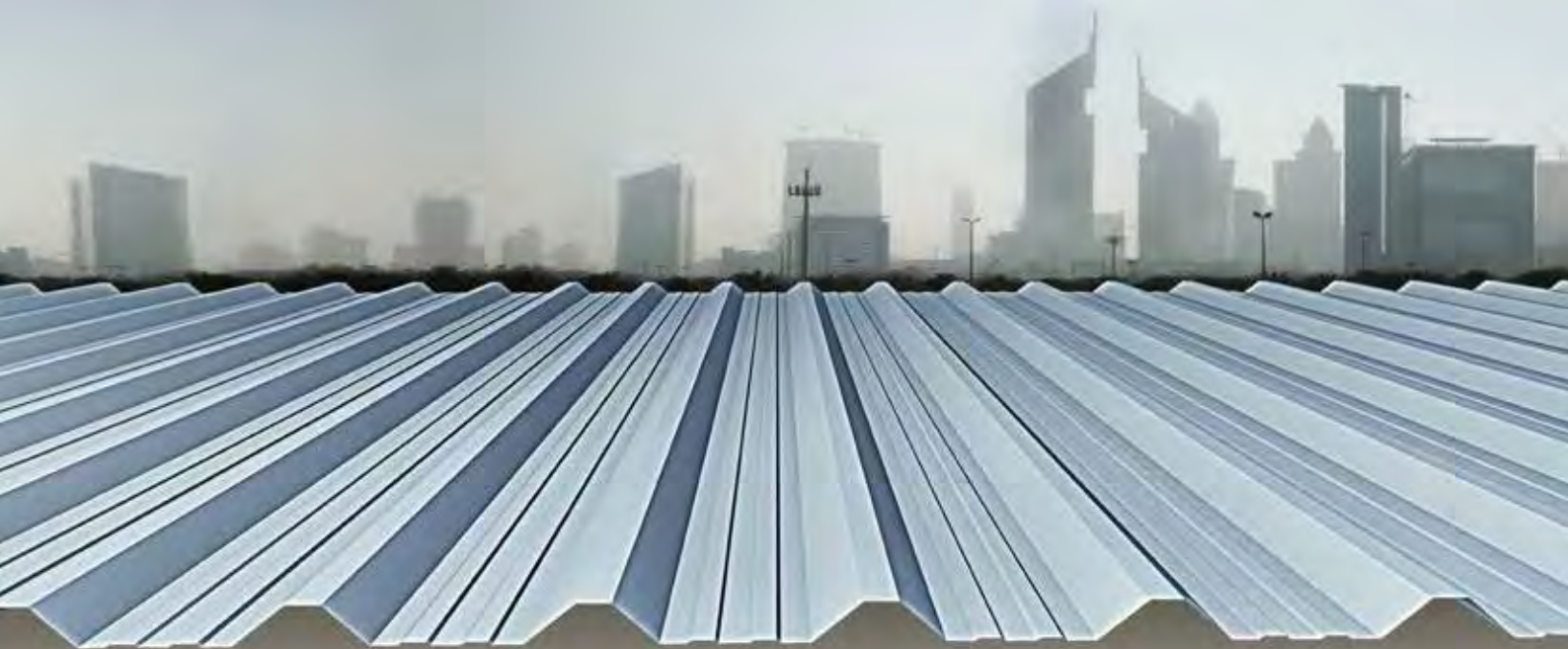




Technical Supplies & Services Co. LLC.



Roof & Wall Cladding Sheets

Introduction

To meet the demands of diverse industries for quality building solutions, TSSC manufactures a wide range of building materials and is the largest manufacturer of composite panels in the Middle East. The building products range include high quality corrugated metal sheets and insulated composite panels, seamless roofing systems, glass & aluminum systems, factory manufactured houses, pre-engineered buildings and cold rooms. The products are manufactured to meet the prescribed specifications of design engineers and building contractors. The components manufactured by TSSC are aesthetically pleasant, weatherproof, provide thermal insulation as well as resistance to fire, fungi and mildew.

The panels are manufactured to the exact measurement to fit perfectly and are mounted without mastic (dry joints) assuring short, cost-saving construction time. The range of products offered by TSSC for industrial development can be broadly classified as

- **Profiled Cladding Sheets**
- **Composite Panels**
- **Purlins**
- **Metal Decking**
- **Roofing Systems**

With state of the art manufacturing facilities and latest advanced technology TSSC is specialized in the design, production and distribution of Insulated Panels and Cladding Sheets.

Profiled Cladding Sheets

TSSC profiled sheets offer architects and designers a range of choices for roof and wall cladding such as internal linings, external cladding and for industrial and commercial buildings. Designed to conciliate high static characteristic with reduced weight, these sheets guarantee the optimization of the structure's realisation costs while providing safe working platforms.

The advantages of profiled sheets are -

- They are inexpensive
- Allows rapid and rational execution
- Requires minimum labour for execution
- Can be easily dismantled for building transformations
- Are made to site measurement eliminating wastage and installation complications
- Modifications or extensions can be done at any time.

TSSC supplies profiled sheets based on chosen customer parameters such as weight, strength, durability, surface finish and colour. Our dedicated sales team offer the best possible advice for all your profiled sheet requirements.



Specifications

Profiled Cladding Sheets for Roof & Wall Cladding

Material - Color Coated Aluminum / Steel / Alu Zinc
Color coating as per RAL 840 - HR & RAL 841 - GL

Features

- Bringing everlasting life to buildings
- Long decorative life coupled with low maintenance
- After supplying millions of square meters yet not reported single failure
- Virtually unlimited color choice available subject to external lead time
- Metallic colors & harsh weather proof coatings are also available

Applicable for Polyester, Silicon Polyester, ARS, Plastisol & PVDF coatings

Color indicated are representations of TSSC standard color range to be used for guidance only. Shade difference shall be upto Delta E-2

TERMS & CONDITIONS APPLY



RAL 5012
(Light Blue Color)



RAL 1014
(Ivory color)



RAL 1001
(Beige color)



RAL 9003
(White color)



RAL 9002
(Off-White color)

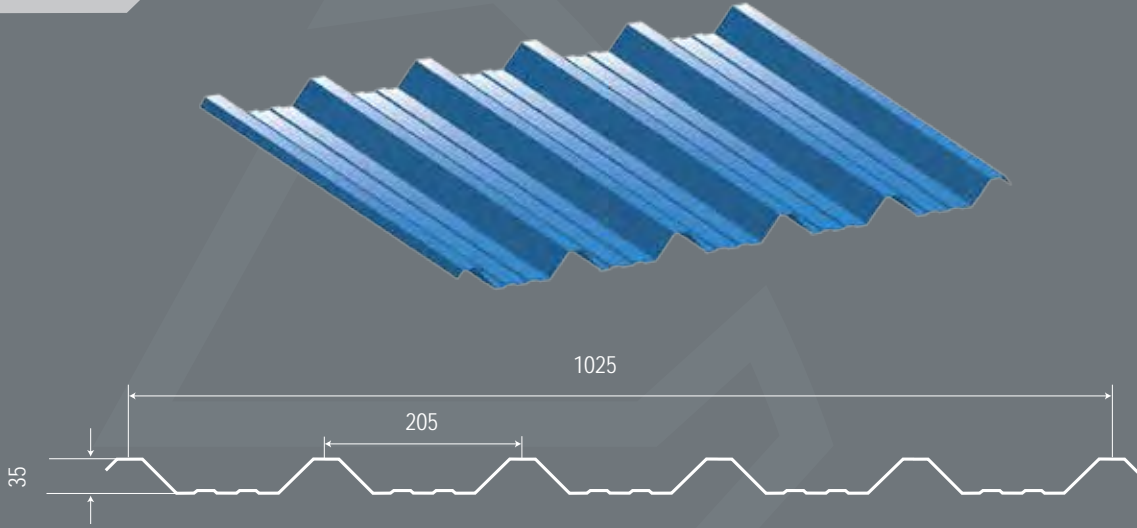
Applications

Roof and wall Panel

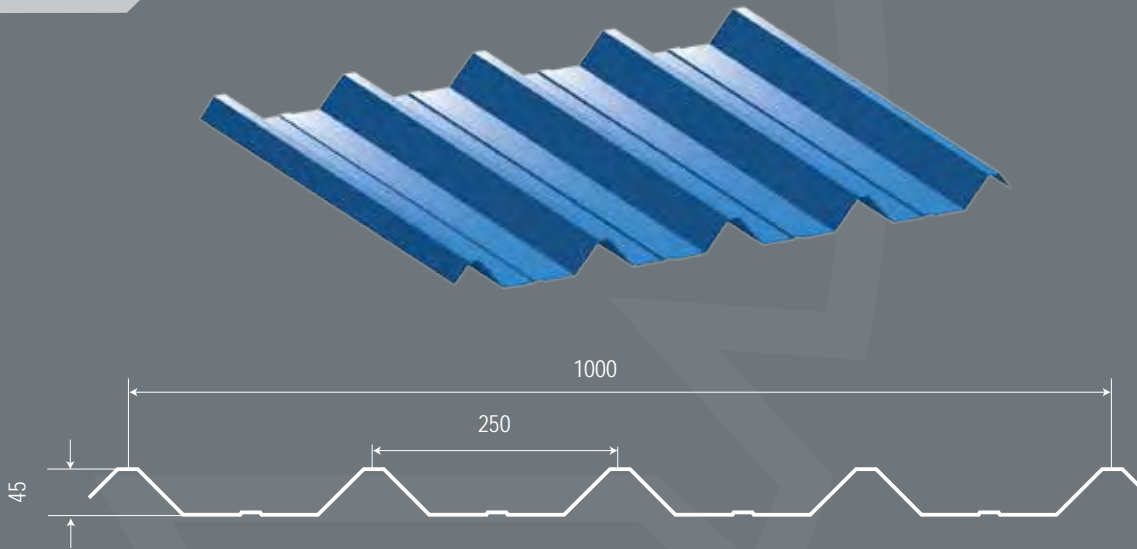
Specification

- Aluminium profiled sheet is 0.5 mm. up to 0.9 mm. thick Alloy A3105 - H16 Temper from tension leveled coils - different Alloy can be supplied on request.
- GI & Alu Zinc coated steel profile sheets 0.5 to 0.9 mm thick as per ASTM A 656 for GI & ASTM A 792 for Alu Zinc - Different grades Can be supplied on request
- Painting is baked regular modified enamel polyester, with 5 micron primer and 20 micron coat on the weathering side and 5/7 micron primer on the reverse - PVDF, Silicon, Modified Polyester, Plastisol & ARS coating on request is applicable.

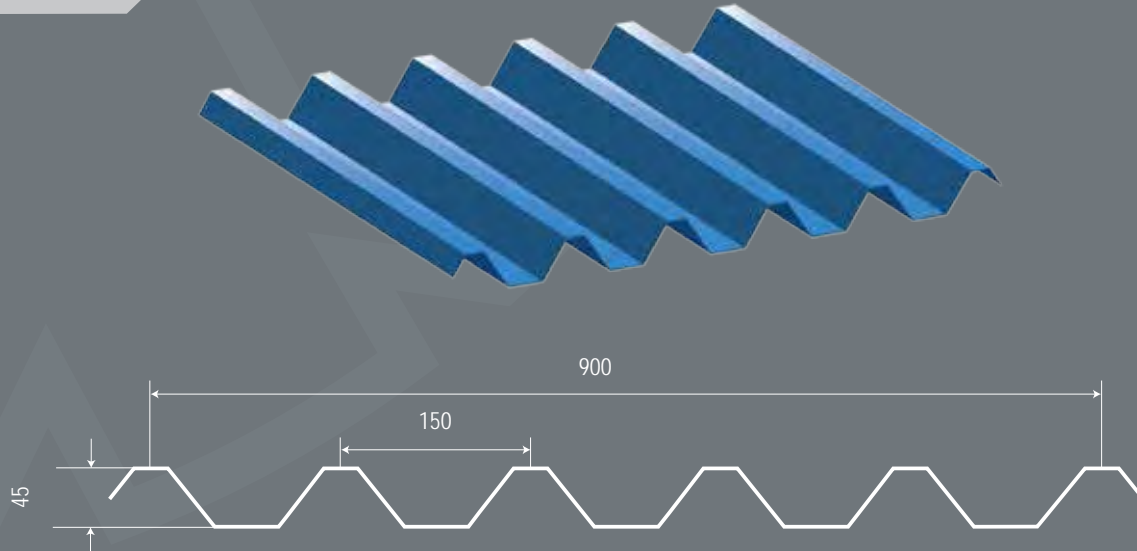
TSS 35 / 205



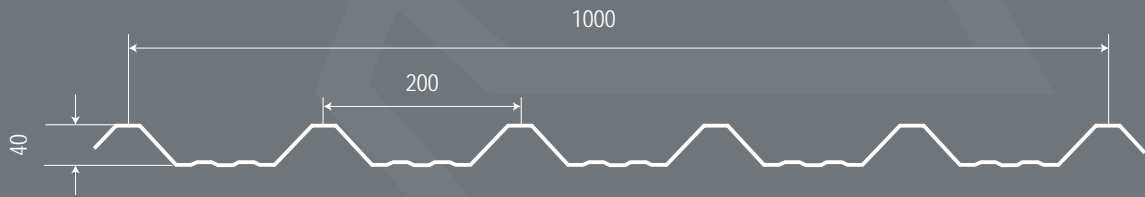
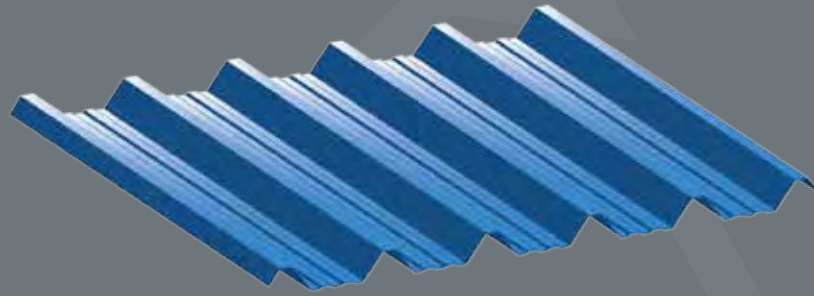
TSS 45 / 250



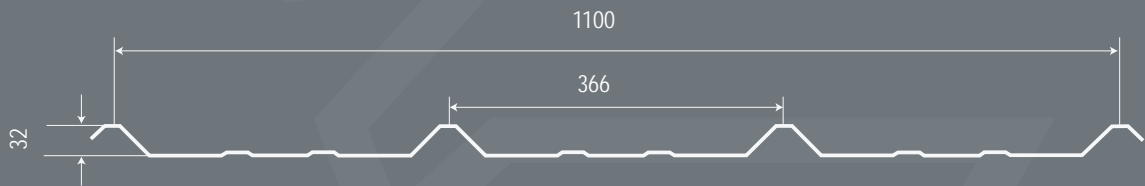
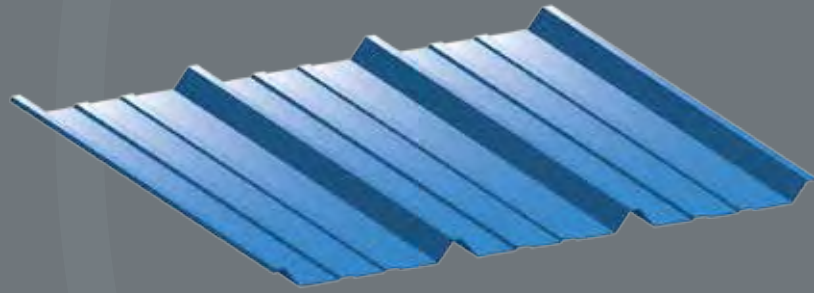
TSS 45 / 150



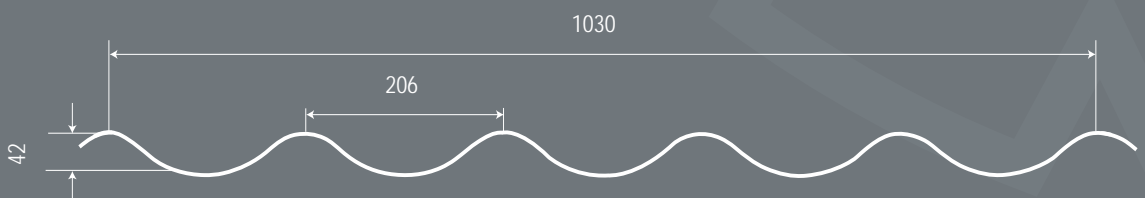
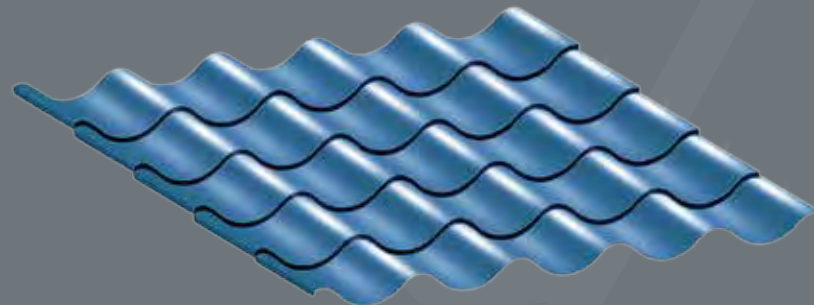
TSS 40 / 200



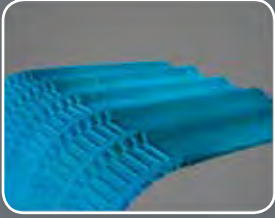
TSS 32 / 366



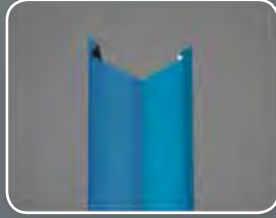
TSS 42 / 206



Accessories



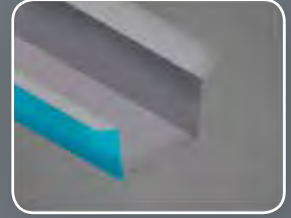
Eave Curve



Corner Flashing



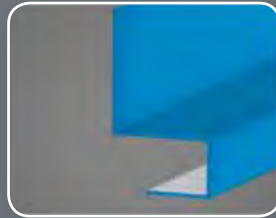
Ridge Panel



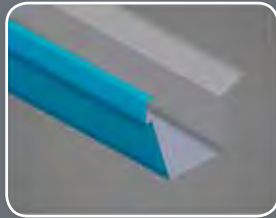
Valley Gutter



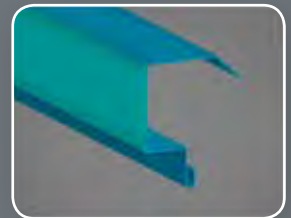
Door Head Flashing



Drip Flashing



Eave Gutter



Gable Flashing





EXCELLENCE

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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