

STANPro

The Roofing Solutions



STANDARD GALVA STEELS PVT. LTD.

STANPro Profiles - The Roofing Solutions :

STANPro is equipped with one of the latest automatic profiling lines. This single roll forming machine produces profile at the higher speed and automation which enables quality, quantity and timely delivery. The line is fed by a precision uncoiler with coil car that enables continuous profiling with minimum loss of time. Digitally controlled shear blades at the end of the line maintain the length of the resulting profile within the tolerance. The line processes variety of materials like Prepainted Galvanised Steel Coils, Prepainted Galvalume Steel Coils, Galvanised Steel Coils, and Galvalume Steel Coils etc. The profiles are complemented with necessary accessories like Plain Ridge, Barge Board, Flashing, End Eve Gutter, Louver & Valley Gutter etc. These accessories are manufactured on our Automatic Hydraulic Folding (Bending) machine. Apart from these, we have in-house testing equipments as well as outside facilities for material testing which ensures each batch of profiling as per the standard & customer specifications.

About STANPro:

STANPro is a brand for roofing profile of Standard Group – **The steel processors and importers**. Standard Group has a landmark position in the Indian Steel sector and is well known for its credibility in the all over the world with consistent quality, accuracy, commitment to customers and reliability in delivery. We strictly follow the Just In Time ('JIT') system which ensures timely delivery & customer satisfaction without compromising on the quality. The Standard Group is operating in four segments of the industry.

1. Import & Export of Steel (**Standard Conduits Pvt. Ltd**)
2. Steel Processing & Servicing (**Turakhia Steels Pvt. Ltd.**)
3. Roofing Solutions & Flexible Conduits Manufacturing (**Standard Galva Steels Pvt. Ltd.**)
4. Real Estate (**Standard Realtors Pvt. Ltd.**)

We are manufacturing Roofing & Cladding profiles and Accessories under the following Brands :

1. STANPro T-1000, Trapezoidal Profile
2. STANPro S-610/1000, Sinusoidal (**Corrugated profile**)
3. StanPro - Plain Accessories

The STANPro Advantage:

Formability:

Can be readily roll formed, bent, pressed, cut, drilled, lock seamed and stamped without sacrificing coating adhesion / quality of paint.

Architectural Creativity:

Easy formability & bending property opens up new horizons to architect's creativity. The wide range of colours provide options for the architect to customize their requirements.

Aesthetical Appeal:

Available in wide range of colours, finish, gloss levels and textures with exceptional batch to batch consistency.

Easy to Install & Maintenance Free:

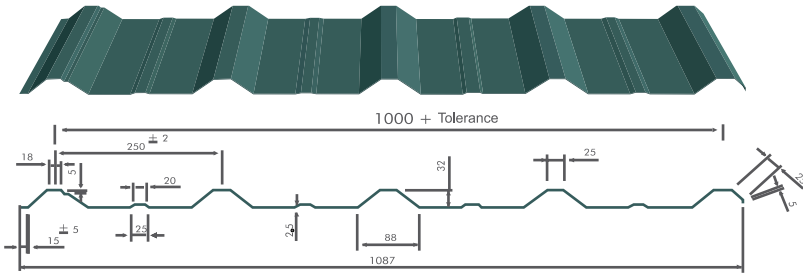
It's quick, easy and convenient to use STANPro pre-painted galvanized Trapezoidal profile for roofing and cladding applications due to low weight and zero breakages. The wide availability of the product range makes installation easy and convenient with minimum wastage. The light weight & High strength combination makes them economical as they require lighter supporting structure and also reduces transporting costs. STANPro profiles are virtually maintenance free.

Thermal Efficiency:

Roof made from light shades of STANPro profiles may result in less heat radiation inside the building compared to other commonly used roofing materials. Steel roof when combined with insulation makes a cost effective energy efficient roofing system.

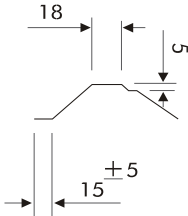
Environment Friendly:

STANPro pre-painted galvanized / galvalume Trapezoidal profiles have a long life and are completely recyclable if replaced eventually. The paint used to coat the base metal is also toxic free.



T-1000

STANPro T-1000 is specially designed profile for stronger roofing applications. Its optimum pitch and depth ratio lends superior weight bearing capacity making it the profile of choice. Its unique design makes for a watertight roofing solution with the added advantage of an Anti-capillary groove, which ensures a leak proof installation for years to come. The design also prevents moisture built up on fasteners preventing premature corrosion.



The performance and longevity of any roofing installation is greatly affected by rain water, snow & condensation. STANPro 'T' profiles incorporate unique anti-capillary groove to stop moisture run-ins. The Anti-Capillary Groove ensures that water draining through the valleys does not creep into overlap, effectively preventing water dripping through the roof. The design increases the life of roof and cladding in too many folds.

Line Specification :

- Material : Pre-Painted, Galvanized and Galvalume Steel Coils.
- Coil OD : 800 mm to 1500 mm
- Coil ID : 470 mm - 530 mm
- Strip Width : 1220 mm (Input Width)
: 1085 +/- 2 mm (Output Width)
: 1000 +/- 10 mm (Effective / Cover Width)
- Thickness : 0.3 mm - 0.8 mm
- Coil Weight : 10 Tons (Max.)
- Sheet Length : 1000 mm - 12000 mm
- Pack Weight : 3000 Kg (Max.)
- Pack Height : 400 mm (Max.)
- Accuracy (Length) : +/- 1.0 mm - +/- 2.0 mm Accuracy (Diagonal)
: Pitch +/- 2 mm, Wave Height +/- 1 mm
- Accuracy (Width) : +/- 2 mm
- Sheet Bundle Height : 200 mm (Max)
- Ultimate Tensile Strength : 345 - 570 MPa (Depending Upon Material)
- Yield Strength : 340 - 550 MPa (Depending Upon Material)

T-1000 Specifications:

- Trapezoidal profile single skin sheet gives maximum sheet strength.
- Available in 0.3 mm and 0.8 mm sheet thickness and up to 12000 mm Length.
- Polyester paint finish or PVC Plastisol coated
- In a choice of colours as well as plain galvanized.

Uses:

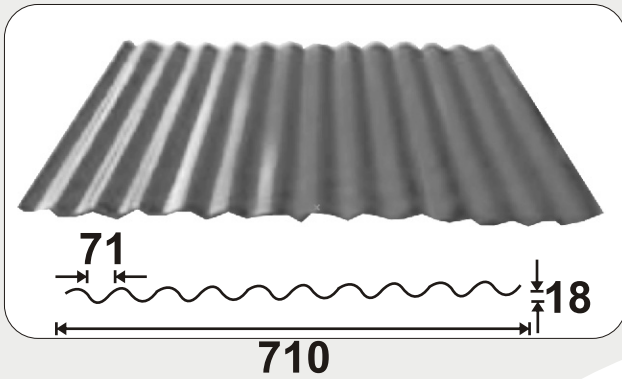
- Industrial, agricultural, commercial and domestic roofing and cladding.
- Can be used as single skin sheeting, over clad of an existing roof or part of a built up insulated system

Benefits:

- Economic sheeting in a robust profile that offers high strength
- Manufactured up to 12 Mtrs long length.
- Eco-: Friendly & Affordable with aesthetically appealing
- Enduring performance

STANPro S-610/1000, Sinusoidal (Corrugated) Profile

STANPro S-610/1000 is long back dating design which is commonly known as corrugated sheeting profile. Its depth and width ensures maximum volume of water drainage. Corrugated profiled sheeting has always been easy to use and effective method of roofing and wall cladding. Corrugated S-610/1000 can be factory cranked to a curve and bull nosed to a wide range of radii.



Line Specification :

- Material : Pre-Painted, Galvanized and Galvalume Steel Coils.
- Strip Width : 810 – 1250 mm (Input Width)
: 710 / 1080 mm (Output Width)
: 610 / 1000 mm (Effective Width)
- Thickness : 0.3 Mm - 0.8 mm
- Sheet Length : 1250 Mm - 3660 mm
- Depth : 17 - 20 mm (Depending Upon Width of Sheet)
- Pitch : 68 - 73 mm (Depending Upon Width of Sheet)
- Pack Weight : 3000 Kg (Max.)
- Accuracy (Length) : +/- 1.0 mm - +/- 2.0 mm
- Accuracy (Diagonal) : Pitch +/-1 mm, Wave Height +/-1 mm
- Accuracy (Width) : +/-5 mm
- Sheet Bundle Height : 200 mm (Max)
- Ultimate Tensile Strength : 345 - 570 MPa (Depending Upon Material)
- Yield Strength : 340 - 550 MPa (Depending Upon Material)

S - 610 / 1000 Specifications:

- Traditional corrugated profile
- 68 to 73 mm (depending upon sheet width) round corrugation giving 610 to 1000 mm sheet cover.
- Available in 0.3 mm and 0.8 mm sheet thickness,
- Polyester paint finish or PVC Plastisol coated.
- In a choice of colours as well as plain galvanized

Uses :

- Industrial, agricultural, commercial and domestic roofing and cladding.
- Can be used as single skin sheeting and cladding,
- Over clad of an existing roof or part of a built up, insulated system.

Benefits:

- Cost effective sheeting
- Traditional look.
- Light in weight
- Fast and easy to install
- Available in range of traditional colours

STANPro profiles are offered in a myriad of shades (shown alongside). Additional colours can be provided as per standard RAL shades based on customer requirements. Hues shown here may vary from the actual shades on the profiles. The color palette shown here is only indicative.

Tomato Red (RAL 3013)

Zinc Yellow (RAL 1018)

Terracotta (RAL 3012)

Ivory (RAL 1015)

O White (RAL 9002)

Deep Blue (RAL 5015)

Firoza Blue (RAL 5012)

Olive Green (RAL 6011)


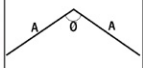

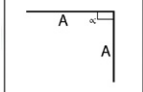

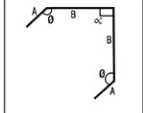

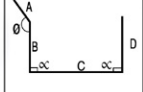

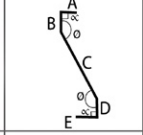

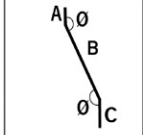

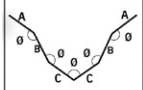
Technical Specifications of Pre-Painted Galvanized Steel

Particulars	Details
Total Coat Thickness	0.35 mm to 0.70 mm (Above in special Case)
Zinc Coating	Standards: Z 120 GSM, Z100 GSM & Higher coating Optional
Paint Coating	Regular Modified Polyester (RMP) Optional: Silicon Modified Polyester / Poly Vinylidene Fluoride
Paint Thickness (Top Coat)	18 to 20 Microns
Paint Thickness (Bottom Coat)	5 to 7 Microns
Tensile Strength	245 – 345 Mpa
Products Adhering to Indian & International Standards	IS 14246-1995, JIS G 3312, ASTM A 755 & EN 10169-1

Technical Specifications of Zn-Al Alloy Coated Steel (Galvalume)

Particulars	Details
Total Coat Thickness	0.40 mm to 0.70 mm (Above in special Case)
Zinc Coating	Standards: A Z 150 GSM, A Z 100 GSM & Higher coating Optional
Chemical Composition (Metal Coating)	Al-Zinc Alloy with 1.5% Silicon: 55% Aluminium, 43.5% Zinc, 1.5% Silicon
Colour	As per the RAL Colour Coding
Tensile Strength	550 MPa (Standard)
Products Adhering to Indian & International Standards	AS 1397-93, JIS G 3321, ASTM A 792 & EN 10326

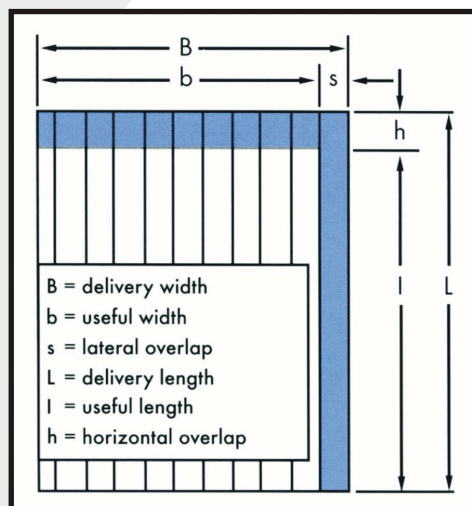
STANPro Plain Accessories

 Plain Ridge		A = 300/400/600 mm ∅ = Roof Angle (Min 110°) L = 2440 mm max
 Barge board		A = 200 /300 mm ∞ = 90° L = 2440 mm max
 Corner Flashing (Wall to wall)		A = 30 mm B = 120mm ∅ = 120° ∞ = 90° L = 2440 mm max
 End Eave Gutter		A = 100 mm B = 175 mm C = 325 mm D = 200 mm L = 2440 mm max. ∞ & ∅ = As Per Requirement
 Louver (A)		A = 30 mm ∞ = 90° B = 30 mm C = 180 mm D = 30 mm E = 30 mm L = 2440 mm max. ∅ = As Per Requirement
 Louver (B)		A = 50 mm B = 250 mm C = 100 mm ∅ = As Per Requirement L = 2440 mm max.
 Valley Gutter		A = 150 mm B = 250 mm C = 200 mm ∅ = As Per Requirement L = 2440 mm max

The F.A.S.E. Formula of STANPro Profiles:

The range of metallic and non metallic materials for building construction is so broad that choosing the right material can be confusing. By selecting modern coated steel, you can avoid these headaches because modern coated steel is an engineered material with optimum combination of F.A.S.E. attributes – Premier Eco-Friendly, Unique Affordability, Predictable Strength and Enduring performance.

The Overlap Fitting of Profile Sheets:



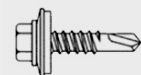
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Fasteners widely used for fixing of profile sheets with different applications



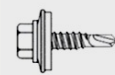
Sheet to Timber (32 & 45mm)



Sheet to Zed Purlin



Sheet to Hot Rolled Steel/Angle Iron



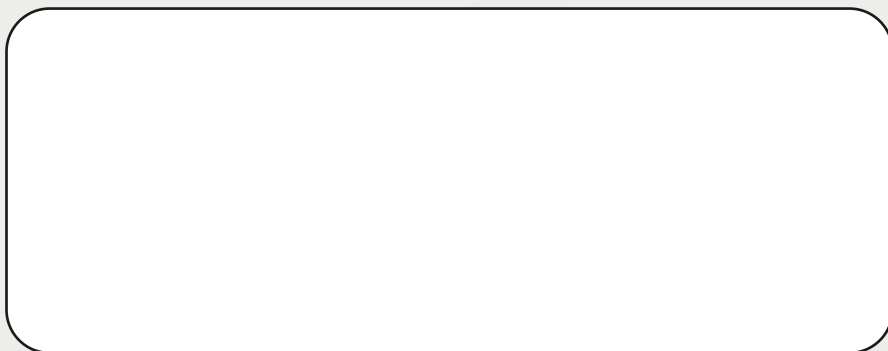
Stitching Screws



Sheet through Insulation to Wood, Zed Purlin and Angle Iron



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