BUTLER®

BUTLER® BUILDING SYSTEMS

TATA BLUESCOPE

BUILDING SOLUTIONS

(A Division of Tata BlueScope Steel Limited)

Tata BlueScope Building Solutions

Tata BlueScope Building Solutions is a division of Tata BlueScope Steel Limited, which is an equal joint venture between Tata Steel and BlueScope (Australia) in the field of coated steel, steel building solutions and related building products. The division supplies a range of engineered steel building solutions that can be used for application in varied segments and takes single source responsibility for its design, manufacture, shipment and erection. It has manufacturing facilities in Pune, Chennai and Bhiwadi, four regional offices and a wide network of sales offices that offer the best-in-class services and solutions. The business maintains high standards in the area of Safety, Health and Environment; and has been certified by Underwriters Laboratory Inc. for ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 certifications.

- ★ Corporate Office
- ▲ BUTLER® Manufacturing Unit
- ● Roll Forming Plant
- ■ Metal Coating & Paint Lines
- ● Sales Office
- ● Engineering and Design Centre

BUTLER® BUILDING SYSTEMS is a premium globally renowned engineered steel building solution with exceptional credentials such as On-time Delivery, Leak-proof Roof System, Fully Engineered Solutions and Safe Erection Practices. The history of the brand dates back to the year 1901, when the company BUTLER® Manufacturing was founded in the US. This company was acquired in the year 2004 by BlueScope, a leading flat steel products company, with manufacturing and marketing reach that spans Australia, Asia and North America. BUTLER® BUILDING SYSTEMS is offered in the SAARC region through Tata BlueScope Steel Limited. Over the years, BUTLER® BUILDING SYSTEMS has gained the confidence to take rigid frame design to the limit and to lead the growth of engineered steel buildings into worldwide acceptance and favour. BUTLER® brand is built on innovation and attention to customer requirements. By providing timely construction and a superior solution, it has achieved a remarkably high repeat customer rate.

Contents

Tata BlueScope Building Solutions

- Our Capabilities 4
- Research and Development Centres 4
- Key Differentiators 7

BUTLER® BUILDING SYSTEMS

- WIDESPAN™ Structural System 8
- The BUTLER® Difference 10
- Roof System and Accessories 12
- Wall Cladding and Liner Panels 18

BUTLER® Project Gallery 20

Our Capabilities

With BUTLER® BUILDING SYSTEMS, we do far more than supply and erect engineered steel buildings. We offer a complete solution to our customers and undertake a single source responsibility for the project through a synergy among all our departments.

Pre-sales Phase

Tata BlueScope Building Solutions has an experienced sales team which is given regular training to understand customer's varied needs and communicate those needs to the business effectively. The sales and technical teams spend time with our customers to understand their specific requirements and suggest optimised solutions.

The pre-sales interactions helps in suggesting

- Most economical building layouts
- Loads and building design criteria
- Options to improve the building performance

The buildings thus designed meet the operational requirements of our customer and help to improve their productivity.

Engineering and Design

To meet our customer's operational and specific requirements, our engineering team provides cost-effective, fully engineered and aesthetically pleasing solutions. Our team of structural designers, who specialise in structural steel design, have a rich experience in designing a variety of engineered steel buildings for diverse applications. We have designed buildings with a variety of standards and design codes such as AISC, ASTM, MBMA & IS Codes and are equipped with proprietary design tools developed by BUTLER® USA. The engineering team provides estimates and proposal drawings for various options during pre-order stage and submits the general arrangement drawings, fabrication and erection drawings during post-order stage. The team keeps itself up-to-date with recent developments in steel buildings through BUTLER® Research & Development facilities in USA.

Project Management

Research and Development Centres

BUTLER® USA has the distinction of being the only Engineered Steel Building company in the world with advanced R&D centres at Port Kembla (Australia), Sydney (Australia), Granfview (USA) and Pune (India). The R&D center in Pune designs, develops and tests the performance of new product in various environments to suit the latest construction trends. Equipped with modern equipment, the R&D centre is capable of checking all types of raw material and finished goods used for buildings to make sure that the BUTLER® building conforms to the best of standards.

Manufacturing

Tata BlueScope Building Solutions has manufacturing facilities in Pune, Chennai and Bhiwadi. Our manufacturing facilities are equipped with the most sophisticated equipments for precision manufacturing. To manufacture roof beams and columns, we use high tensile steel plates conforming to ASTM A 572 M Grade 50 Steel. Our structural welding complies with code AWS D1.1 2008 edition of American Welding Society. The manufacturing and dimensional tolerances are as per 1996 edition of Metal Building Manufacturers Association (MBMA). Our fabrication facility employ's the most sophisticated equipment for cutting, shearing, splicing, drilling, welding, shot-blasting and painting. Our state-of-the-art roll-forming facilities offer an array of roll-formed products manufactured from precision roll-forming machines.

Construction

We are committed to deliver safe and high quality solutions to our customers. To ensure construction safety at our sites, mandatory use of personal protective equipments, SKY-WEB® II fall protection system and boom lifts along with regular training of erection crew and no tolerance of safety violation enables us to complete projects in a safe manner. Our construction team is equipped with special tools and tackles, developed by BUTLER® Manufacturing, to deliver quality workmanship. It also conducts regular quality audits at site. Superior construction skills and processes ensures that the building is erected on time and with safety & quality.

We manage all our projects with critical chain project management approach, which ensures higher adherence to dates committed to our customers. Our project management team commits delivery dates based on our process of monitoring the front of load. This aids the coordination between sales and project management. Our team is aware that when full-kit is available, there are no interruptions and tasks can be completed faster. This enables us to work without switching priorities thereby bringing in significant predictability of completion dates. We ensure that full-kit is collected before starting each task. This, alongwith rules of full-kit and no switching of priorities, leads to high predictability and adherence to committed dates.

Completed Project

GE India Industrial Pvt. Limited, Chakan, Maharashtra

BUTLER®

Arshiya International Ltd., Panvel, Maharashtra

Key Differentiators

Assured On-time Delivery

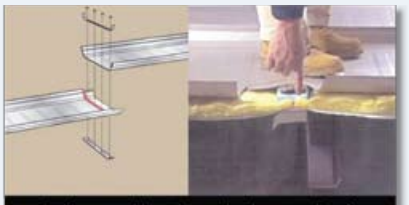
Delivery commitments based on Front of Load process

Hassle-free process ensures reduction in cycle-time by 'not shifting priorities'

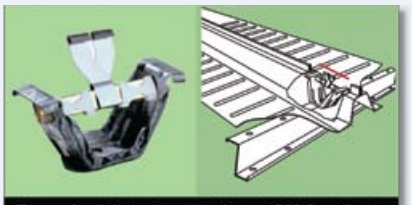
Critical Chain Project Management provides early warning signals for no surprises

Leak-proof Roof System

360° Double-lock seam, where 180° of roof panel is seamed at site creating the tightest seam

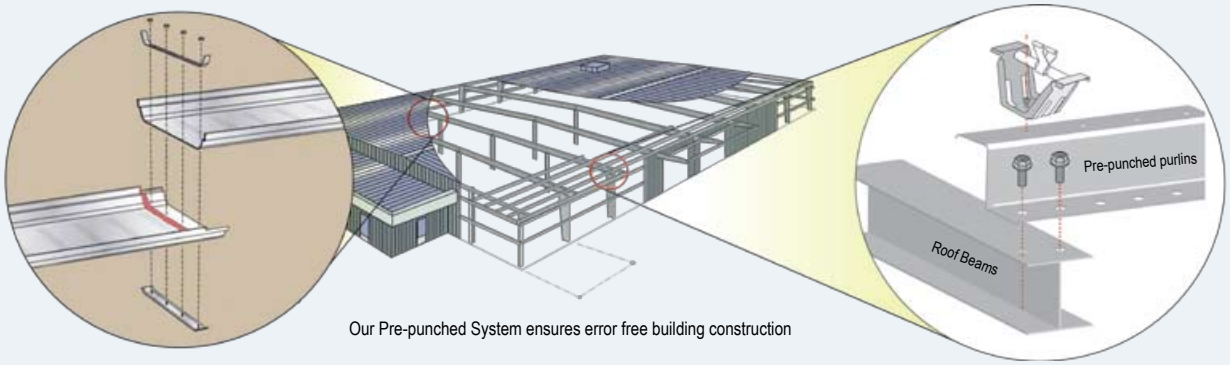


End laps positioned exactly above purlins for sustaining foot traffic



Expansion joint not required up to 250 feet due to free thermal movement

Fully Engineered Solutions



Our Pre-punched System ensures error free building construction

Safe Erection Practices

Dedicated Construction Safety Team

Use of boom lifts for safe erection

SKY-WEB® II Fall Protection System

Certifications and Memberships

FM APPROVED

MR-24® standing seam roof system, MR-24® roof system with liner panel and BR-II™ lap seam roof system are certified by the prestigious Factory Mutual Approval (FM Approvals). The MR-24® Roof System meets the widest range of FM Approvals class. The FM Approvals certified roof systems are widely regarded by all customers as the best-in-class roofs, tested for wind uplift and fire rating.

UL REGISTERED FIRM

ISO 9001
ISO 14001
OHSAS 18001

We have a strong Quality, Environment, Occupational Health and Safety Management System and have received the following certifications: ISO 9001:2008, ISO 14001:2004 and OHSAS 18001: 2007.

MEMBER

Tata BlueScope Building Solutions follows sustainable building design and construction practices that significantly reduce or eliminate the negative impact of buildings on the environment and occupants.

WIDESPAN™ Structural System

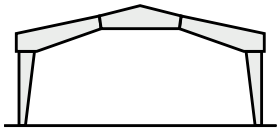
WIDESPAN™ Structural System combines the proven practicality of a rigid frame with almost unlimited size flexibility. Its clear span framing system allows for maximum use of interior space, which is particularly important in manufacturing plants, warehouses, offices and retail stores where uninterrupted space is required. The width extension matches the eave heights and roof slopes for additional space or future expansion.

WIDESPAN™ Frame Options

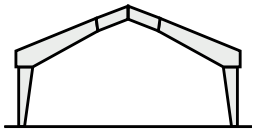
Four types of frames are available with WIDESPAN™ Structural Systems:

CLEAR SPAN FRAMES

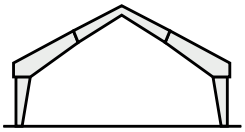
● **Span:** 6 to 45 M ● **Height:** 3 to 12 M ● **Slope:** 1 in 33 (min.) ● **Bay:** upto 9 M



Type A: Low Slope



Type B: Medium Slope

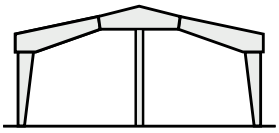


Type C: High Slope

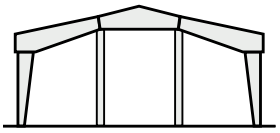
The clear span frames provide variable roof slopes of 1^0 to 18^0 for a contemporary exterior profile and large clear span interiors for maximum use of interior space.

MULTISPAN FRAMES

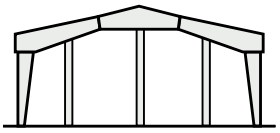
● **Span:** 18 to 91 M ● **Height:** 3 to 12 M ● **Slope:** 1 in 33 (min.) ● **Bay:** upto 9 M



Type A: Double Module



Type B: Triple Module



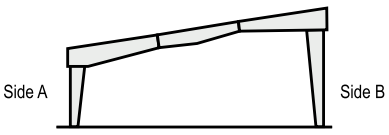
Type C: Multiple Module

The multispan frames, which are just as flexible as clear span frames, are specially designed for wide buildings using a minimum of interior columns.

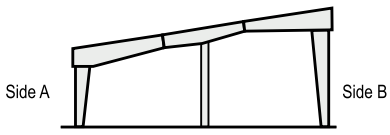
SINGLE SLOPE FRAMES

● **Span:** 6 to 45 M ● **Height:** Side A - 3 to 12 M & Side B - upto 14 M
● **Slope:** 1 in 33 (min.) ● **Bay:** upto 9 M

● **Span:** 18 to 91 M ● **Height:** Side A - 3 to 12 M & Side B - upto 14 M
● **Slope:** 1 in 33 (min.) ● **Bay:** upto 9 M



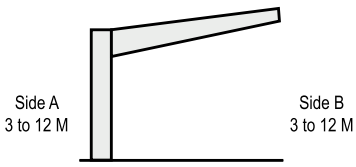
Type A: Single Slope



Type B: Single Slope

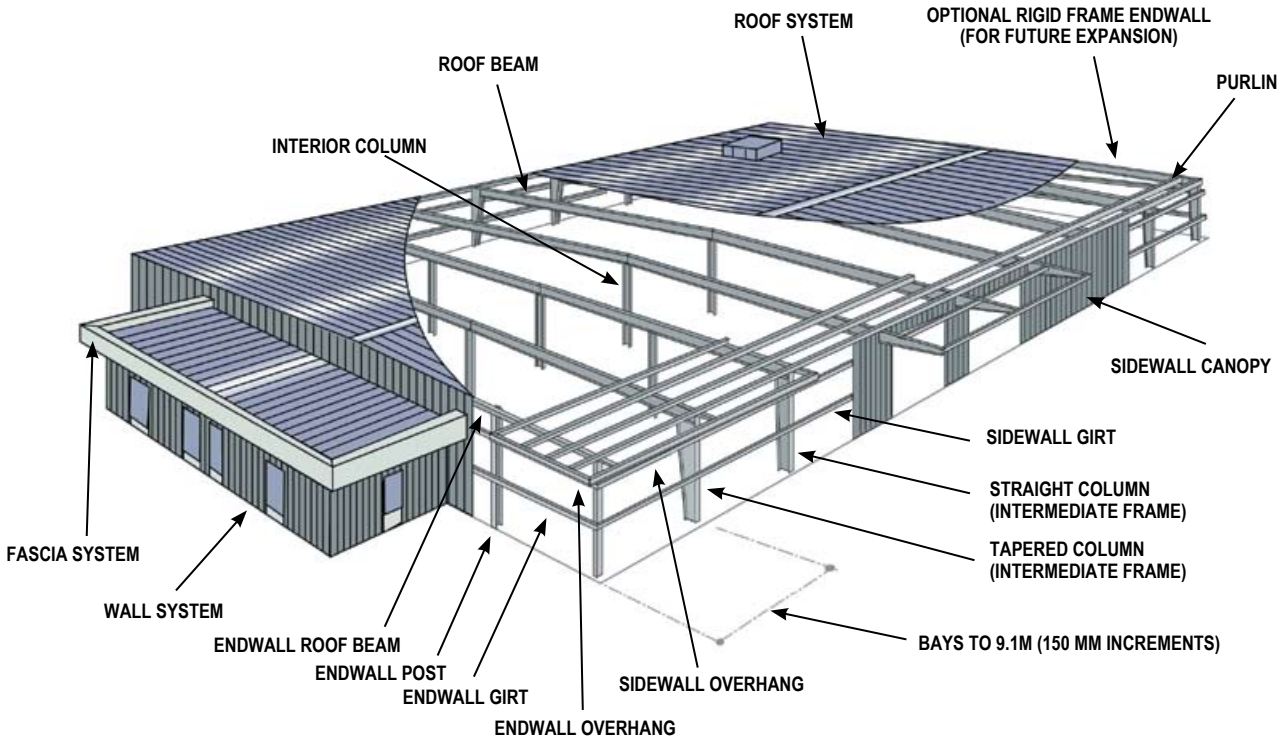
EXTENSION FRAMES - WX FRAMING SYSTEM

● **Slope:** 1 in 33 (min.) ● **Bay:** upto 9 M ● **Span:** upto 18 M



Type A: Single Slope

WIDESPAN™ Building System



Applications

Clear Span Frames

Multispan Frames

Single Slope Frames

Extension Frames - Wx Framing System

The BUTLER® Difference

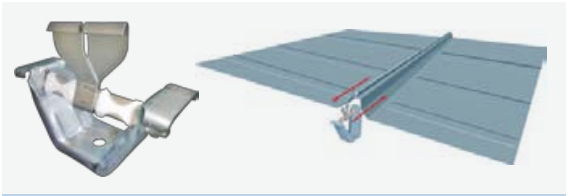
BUTLER® brand is built on innovation and attention to the customer requirements. We are committed to deliver fully engineered buildings on-time, leak-proof and with safe erection practices, so that our customers meet their business goals. These commitments are helping us in achieving a remarkably high repeat customer rate.

To move towards excellence, we have developed several product advantages collectively known as "THE BUTLER® DIFFERENCE". We have tried to share some information about BUTLER® BUILDING SYSTEMS in this brochure, to show how we can match your expectations and fit in your needs for a engineered steel building perfectly.

Discover what a difference "THE BUTLER® DIFFERENCE" can make for your building.

1. MR-24® Roof System

Truly floating standing seam roof system



MR-24® Roof Clip allows free thermal movement of 2.5 inches

MR-24® roof clip allows roof to expand and contract with changing temperatures. The highest thermal movement of roof clip negates the need for an expansion joint upto 500 ft in double slope buildings, which assures long term leak-proof performance.

2. Pre-punched System

For a fully engineered steel building

No measuring, marking and drilling on site minimises chances of error

All secondary structural members are pre-punched for fixing the roof clips, structural components and accessories accurately. The pre-punched system does not require extensive field modifications and helps to provide an error-free building.

3. BUTLER® Sealants

Assures leak-tight performance

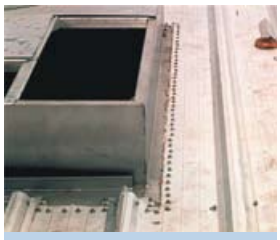
BUTLER® Sealants

The BUTLER® sealant has been developed by the BUTLER® Research and Development Centre. It has a higher butyl rubber percentage that enables leak-tight sealing at the joints.

4. Roof Openings and Curbs

Fully engineered

BUTLER® Roof Curb



Industry Standard

BUTLER® roof curbs are designed to float along with the roof system to give leak proof and maintenance free life for much longer time than any other building system.

5. Strong Fasteners

Maintain incredible strength

BUTLER SCRUBOLT™

Industry Standard

BUTLER SCRUBOLT™ is another reason why BUTLER® BUILDING SYSTEMS performs much better than any building system. The fasteners are designed to take twice the pull-out strength as compared to any conventional fastener.

6. Pre-galvanised Secondary Structural Steel

For superior corrosion resistance

Precise Installation and Long Term Corrosion Free Performance

BUTLER® BUILDING SYSTEMS comes with high tensile galvanised steel purlin and girt with a coating mass of 120 gsm for better strength and corrosion resistance. The purlins are designed and their shape is modified & tested over a number of years.

7. Shot Blasted Frame

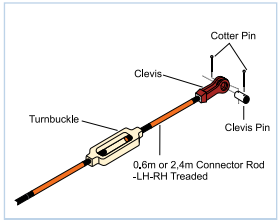
For better paint adhesion

BUTLER® Shot Blasted Frame

Our frames are thorough blast cleaned by shot blasting method (an optional feature) to achieve surface preparation upto SA-2.5 to receive a coat or primer, which protects the steel from corrosion.

8. Rod Bracings

For solid reinforcement



BUTLER® Steel-Rod Bracing

Industry Standard

The BUTLER® steel rod bracings with Clevis Assembly and Turn buckle does not stretch or deform during or after installation. These specially designed rod bracings do not require retightening multiple times during erection and retain their original strength and tightness.

9. Water Resistant Louvres

For better air circulation

BUTLER® Louvres

LOUVREMAX™ system is a specially designed water resistant louvre, an outcome of years of experience and extensive research, which delivers the best ventilation performance.

10. Safe Erection Practices

Assures complete peace of mind

SKY-WEB® II Passive Restraint System

The mandatory use of personal protection equipments, use of SKY-WEB® II fall protection system, usage of boom lifts, telescopic cranes and regular training of erection crew enables us to complete projects in a safe manner.

Unipres India Pvt. Ltd., Oragadam, Tamil Nadu

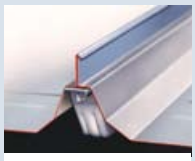
MR 24® comes with 10 yrs. LEAK PROOF Warranty

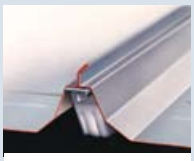
MR-24® Roof System

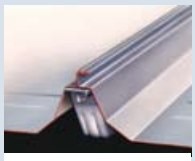
1 Fully Engineered Joints

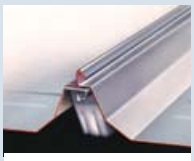
A. Weather-tight Side Lap Seam

The Tightest Seam for Leak-proof Performance


STEP 1


STEP 2


STEP 3


STEP 4


STEP 5


The seaming process uses a heavy duty four stand, electric, portable roll-framing machine called the ROOF RUNNER®.

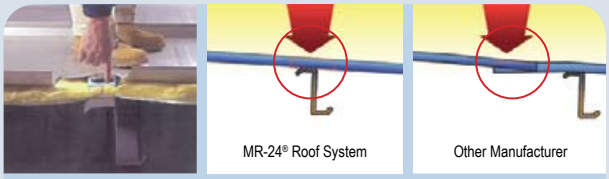
MR-24® Roof System is the only standing seam roof system where the critical 180^0 of the roof panel seam is mechanically field-rolled to complete a 360^0 double-lock seam, thus creating the tightest seam available today. Panels of other roof systems may be simply snapped together or crimped, leaving them too weak to withstand foot traffic, wind, etc. Inside the seam, factory applied sealant is another layer of protection against leakage, which assures weather tightness in even the most unforgiving conditions.

B. Panel End Lap Splice

Fully engineered splice

i. **Weather Tightness:** Weather-tight panel end lap splices are made with stainless steel studs, factory-welded to a back-up plate and then inserted through factory, pre-punched panel holes. A butyl rubber tape sealant is applied on the bottom panel before the top panel and then the panel strap is installed. Stainless steel flange nuts secure the panel strap to assure a weather tight connection.

ii. **Splice support directly over purlin:** On wider buildings, roof panels are placed end-to-end, creating splice. Mostly, competitors allow their splices to occur in midair - without direct structural support. Installers, other roof traffic, rain-water weight, etc. will push down on midair splices and cause strain on the splice, providing opportunity for the splice to open. MR- 24® Roof System prevents this by designing splice locations to occur directly over supporting steel.



MR-24® Panel end laps are located directly over purlin and are fully supported

iii. **Staggered end laps:** Most manufacturers locate panel splices at exactly the same position across the entire roof. This creates a condition where four panel corners must be joined at the same location, making it almost impossible to seal and keep weather tight. MR-24® Roof System staggers the panel splices to avoid this condition, to assure weather tightness and to provide a stronger and superior roof system.


MR-24® Staggered End Laps

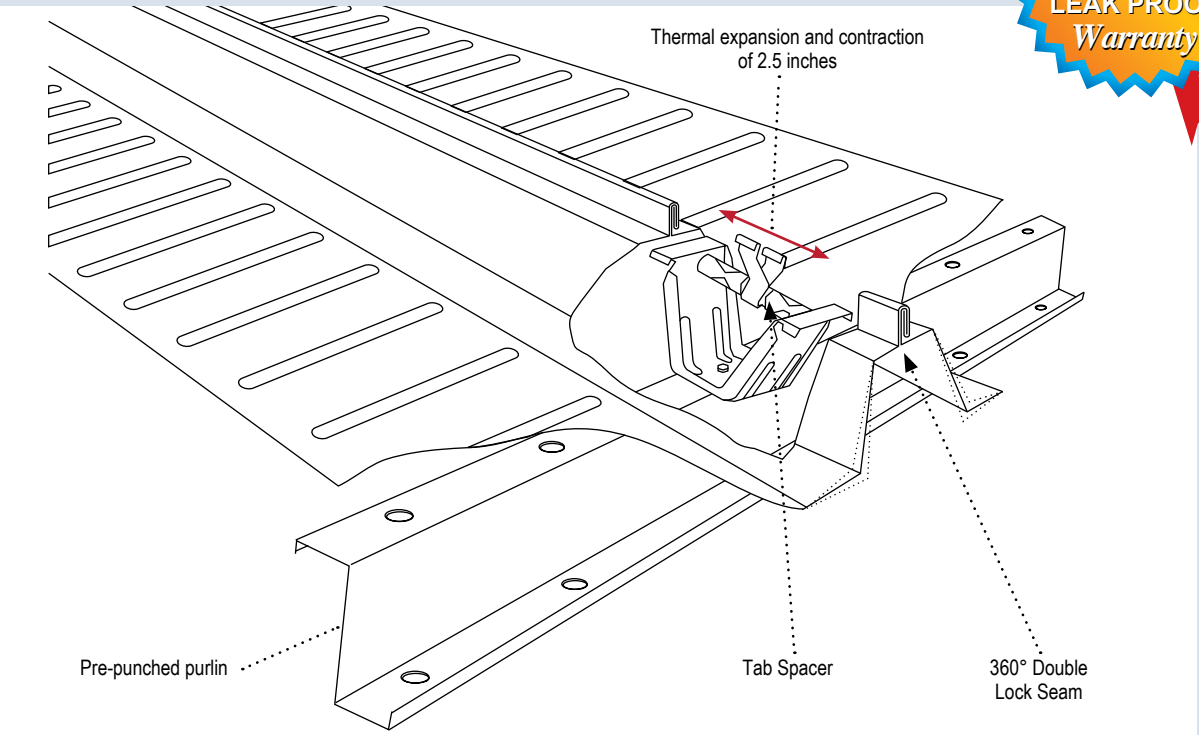

Typical Competitor End Laps

iv. **Sealant:** Another unique feature of the MR-24® sealant is the use of nylon spacer beads which assure that sealant is retained within the splice and not over-compressed. The higher elasticity of a butyl rubber tape sealant ensures long term leak proof performance at joints.

2 MR-24® Roof Clip

Allows the MR-24® Roof System to 'truly float'

MR 24® comes with 10 yrs. LEAK PROOF Warranty



Truly Floating MR-24® Roof System

Metal roofs expand and contract with daily and seasonal temperature changes. The MR-24® Roof Clip is carefully designed to provide a positive attachment and allows the roof to move freely in both directions. Without this mobility, the roof panels would tug and pull on the clip, a process that will eventually cut into the roof panels, pull out the fasteners or damage the clip, causing the building to be vulnerable to leaks and wind damage. The unique features of MR-24® Roof Clip are:

a. The concave surface of clips ensures that it will not pierce the roof panel during thermal movement.

b. A triangular bar with thin cadmium coating provides a smooth surface for tab movement.

c. High strength stainless steel tab is 50% stronger than most other standing seam roof system tabs.

3 Factory-punched Secondary Structurals:

For a fully engineered steel building solution

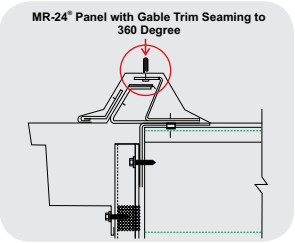
Pre-punched purlins ensure precise alignment of side laps. The alignment of side laps are necessary for proper seaming of side laps and uniform thermal movement of the roof system. It also enhances the aesthetics of the roof system. Since the panels, purlins and components are factory punched, field measurement and drilling is not required. This results in faster installation of roof system.

BUTLER® Pre-punched purlins offers precise installation

Extensive field modification cannot ensure precise installation

4 Seamed-in Gable Trim:

The gable trim is seamed into the roof. This means, there are no fasteners in flat of the panels. This unique gable trim design allows the roof system to expand and contract, which ensures long term leak-proof performance.



MR-24® Gable Flashing Detail

MR-24® Gable Trim

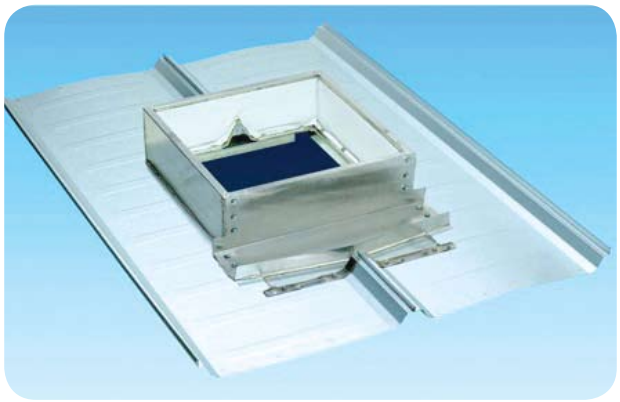
5 Roof Curbs:

BUTLER® building roof curbs are designed to precise details, developed over number of years of experience, giving leak-proof and maintenance-free life for much longer time than any other building system. The unique features of BUTLER® roof curbs are

a. The roof curb and roof accessories are not fixed to the purlins below and hence roof curb allows the roof system for thermal expansion and contraction.

b. The use of diverter flashings prevents ponding on the high side of the roof curbs this minimises risk of leakages.

c. It uses fewer exposed fasteners at the front of the diverter. All other fasteners are internal.



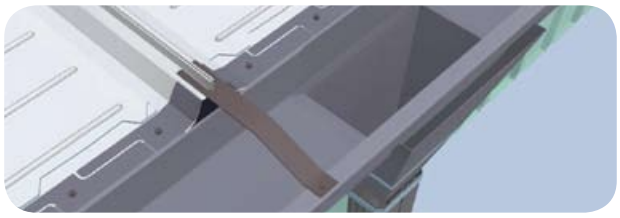
Engineered Roof Accessories

To maintain structural integrity and weather tightness, specially designed accessories are available for all BUTLER® building roof systems.

A full range of accessories including SKY-WEB® II fall protection system, BUTLER Lite-Panl™ translucent roof panels, vents, curbs, flashings, skylights, roof hatches as well as various gutter & trims options, complete the offering and keep your building attractive and functional for years.

Dektite Flashings for Roof Penetration

BUTLER Lite-Panl™ translucent roof panels



Eave Gutter and Downtake Pipe Connection Detail

BUTLER® Roof Curb

Continuous Ridge Vents

Intermittent Ridge Vents

Roof Life Line System and Roof Service Walk Way

BR-II™ Roof System

The BR-II™ 900 Roof System combines great economy with proven BUTLER® building performance. The system is easy to install & maintain and assures weather-tight performance. It offers features that make it the strongest fastened roof system in the industry. Each BR-II™ 900 roof panel features a full 38.1 mm deep corrugation for extra strength. The panels are 900 mm in width and up to 10 meters in length so the roof erection occurs quickly even in case of large buildings.

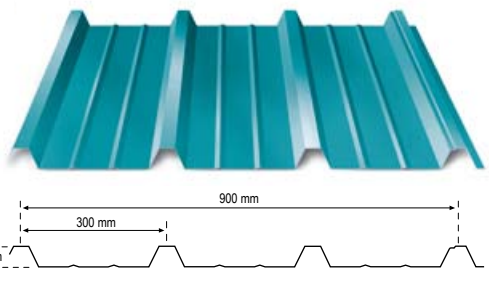
Special Features:

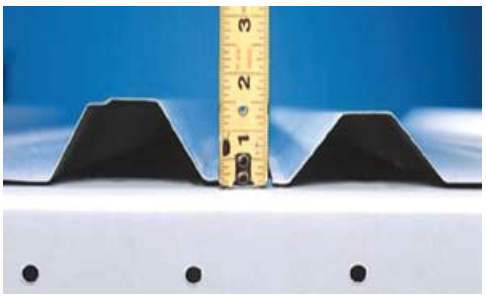
1. Deep Corrugations: Affirms Strength

The depth of panel's corrugation, combined with the strength of base steel grade is a critical factor in roof strength, durability and ability to perform over a long period. BR-II™ 900 roof panel offers the deepest and a wide corrugation in high tensile steel base of minimum 550 MPa yield strength. It provides additional strength in comparison to any other industrial profile for both wind uplift and roof traffic.

2. Return Leg: Supports the Pressure

To provide added support against roof traffic, BR-II™ 900 roof panel incorporate a "return leg" on all side lap connections. Roof panels without return leg often separate during fastener installation or under roof traffic pressure.



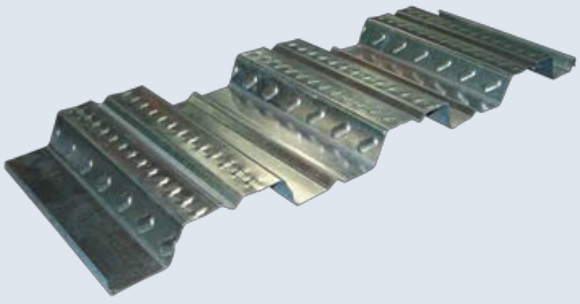


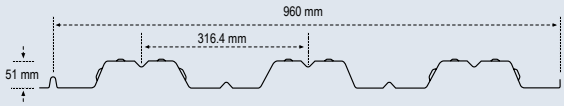
SMARTDEK® 51 Decking System

SMARTDEK® 51 Decking System is a high strength zinc-coated steel decking system, which acts as permanent formwork as well as positive tensile reinforcement for concrete floor slab.

Special Features:

- Fewer temporary props and bearers are required under the formwork deck, which provides weather protection for a safe work environment, both above and below the floor
- The embossments on top & sides of the ribs provide added grip and minimise slip by creating a bond with concrete as done with normal reinforcement
- Provides permanent formwork as well as positive reinforcement.
- Does not require erection, removal, handling or storage of timber / steel formwork as required in conventional concrete slab construction, which saves valuable time
- Clean, uniform and attractive ribbed underside (soffit) for exposed situation reduces the cost of ceiling finishes





SKY-WEB® II Fall Protection

Product Features

The SKY-WEB® II fall protection and insulation support system consists of an open mesh securely fastened around the perimeter of the building. The system provides workers with protection from falls from the leading edge of the roof during construction. The SKY-WEB® II system, however, does not eliminate the fall hazard from the remaining perimeter of the roof.

The mesh remains a part of the roof system and provides support system for roof insulation. The light colour of the mesh blends with most fibre glass insulation facings, ensuring an attractive, finished appearance.

The SKY-WEB® II system offers complete passive protection at the leading edge of roof to workers installing roof systems.

Passive Restraint

SKY-WEB® II fall protection system is a passive restraint system requiring no action by the worker (such as tying off with a lanyard) for protection to be available. The concept is similar to automobile air bags (a passive restraint) versus seat belts (an action-required restraint).

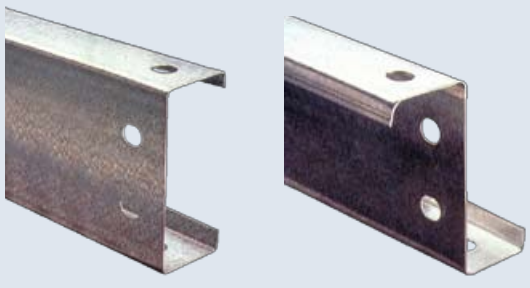
The SKY-WEB® II system, once installed, also protects workers from certain falling objects.

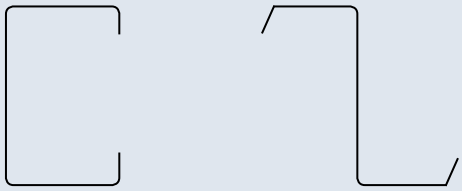
Purlin And Girt

CEE-plus™ and ZED-plus™ purlin and girt are specially designed pre-punched purlin and girt systems for BUTLER® BUILDING SYSTEMS, which are tested over a number of years and used all over the world.

Special Features:

- Manufactured from high tensile galvanised steel with 120 g/m^2, 345 MPa conforming to ASTM A 653M - 04a Grade 50 Steel
- Factory pre-punched system for easy and accurate installation results
- World-class quality control system to avoid any dimensional variations during production
- The inclined lip helps in the best nesting capability for easy transportation in bundles and kits
- Available in a wide range of dimensions, which helps in manufacturing the most economical engineered building structure
- Tested and proven worldwide





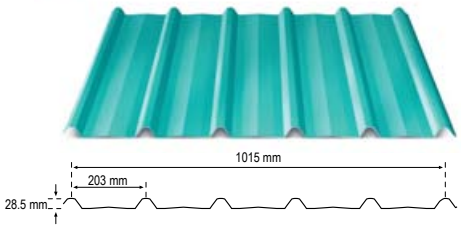
CEE-plus™ Section

ZED-plus™ Section

Wall Cladding Profiles

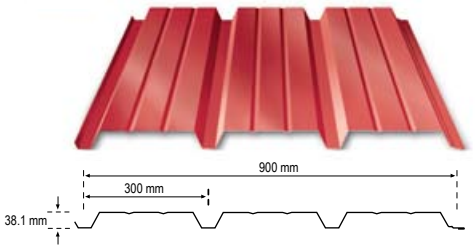
TRIMDEK® 1015 System

TRIMDEK® 1015 System is a modern, ribbed wall cladding profile with subtle fluting in the pans to provide strength and long spanning capabilities. It is ideal for industrial and commercial applications. Its simple, low cost fixing makes it economical to install



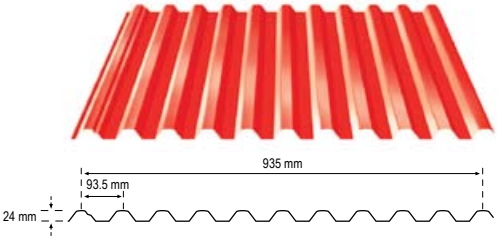
SHADOWRIB™ 900 System

SHADOWRIB™ 900 System is the most preferred wall cladding system, when it comes to matching strength with aesthetics. Wide span visibility of SHADOWRIB™ 900 System gives an aesthetically pleasing look to the exterior of the building.



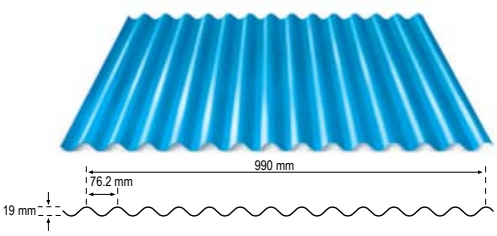
SPANDEK® 935 System

SPANDEK® 935 System is a contemporary, trapezoidal profile, with longer spanning capabilities, which makes it ideal for projects with a modern appearance. It is the strongest cladding profile which can withstand high wind load, snow load or impact load.



CUSTOM ORB® 990 System

CUSTOM ORB® 990 System is a smooth sinusoidal profile which offers flexibility of design or wall cladding applications in industrial, commercial, residential and public buildings. It is compatible on roof and wall curves for stylish architectural design.

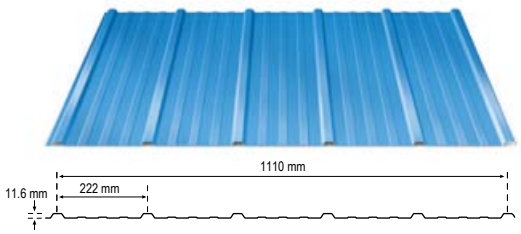


GE India Industrial Pvt. Ltd., Chakan, Maharashtra

Liner Panel Systems

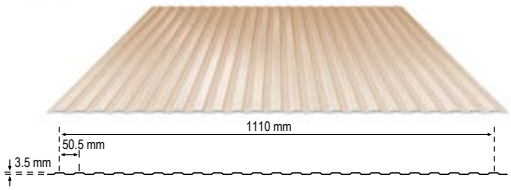
FLEXICLAD® 1110 System

FLEXICLAD® 1110 System is an economical and attractive profile suitable for a wide range of commercial and industrial applications. It is an attractive multi-ribbed profile, which is quick and easy to install



PANELRIB® 1110 System

PANELRIB® 1110 system is an attractive, slightly fluted ceiling cladding profile suitable for many applications where a flat sheet would not be normally considered. The longitudinal flutes provide rigidity along the length of the sheet while retaining full flexibility across the width. PANELRIB® 1110 system provides easy solution for false ceiling.

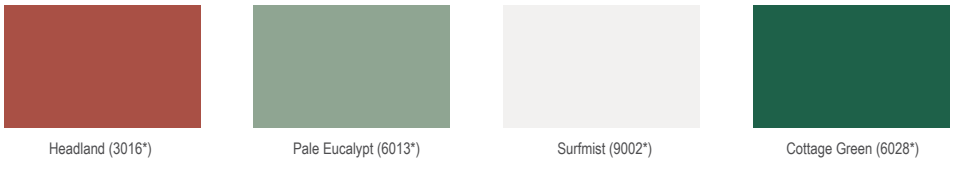


All profiles are manufactured from high strength ZINCALUME® steel or COLORBOND® steel

ZINCALUME® steel

150 GSM (55% Al-Zn Alloy Coated Steel)

COLORBOND® steel



Headland (3016*) | Pale Eucalypt (6013*) | Surfmist (9002*) | Cottage Green (6028*)

Aquamarine (6033*) | Sky Blue (5012*) | Torres Blue (5009*) | Toba Blue (5051*)

These colour shades are only for reference.

(*) indicates nearest RAL Number

Project Gallery

GE India Industrial Pvt. Ltd.

Location : Chakan, Maharashtra
Area : 27,081 sq.m
Roof System : MR-24® Roof with liner panel system
End Use : Multi Modal Manufacturing Plant
Certification : FM Approved

Arshiya International Ltd.

Location : Panvel, Maharashtra
Area : 50,756 sq.m.
Roof System : MR-24® Roof System
End Use : Free Trade Warehousing Zone

Allison Transmission India Pvt. Ltd.

Location : Oragadam, Tamil Nadu
Area : 19,100 sq.m.
Roof System : MR-24® Roof System
End Use : Auto Components Manufacturing Plant

Unipres India Pvt. Ltd.

Location : Oragadam, Tamil Nadu
Area : 24,460 sq.m.
Roof System : MR-24® Roof System
End Use : Auto Components Manufacturing Plant

Mahindra Vehicles Manufacturer Limited

Location : Chakan, Maharashtra
Area : 53,256 sq.m.
Roof System : MR-24® Roof System
End Use : Automobile Manufacturing Plant

Tata BlueScope Steel Limited

Location : Jamshedpur, Jharkhand
Area : 47,860 sq.m.
Roof System : MR-24® Roof System
End Use : Coated Steel Manufacturing Plant

Project Gallery

Rockworth Systems Furniture (India) Pvt. Ltd.

IGBC 'Gold Rated' Factory Building

Location : Sri City SEZ, Andhra Pradesh
Area : 10,500 sq.m.
Roof System : MR-24® Roof System
End Use : Furniture Manufacturing Plant

Gestamp AutoMotive India Pvt. Ltd.

Location : Chakan, Maharashtra
Area : 44,064 sq.m.
Roof System : MR-24® Roof System
End Use : Automobile Manufacturing Plant

Hindustan Unilever Limited

Location : Haridwar, Uttarakhand
Area : 20,277 sq.m.
Roof System : MR-24® Roof System
End Use : FMCG Manufacturing Plant

Reliance Gas Transportation Infrastructure Ltd.

Location : East-West Gas Pipeline Project, spread across four Indian States
Area : 133 Buildings
Roof System : MR-24® Roof System
End Use : Gas Compressor Stations

Technova Imaging Systems Pvt. Ltd.

Location : Navi Mumbai, Maharashtra
Area : 13,650 sq.m.
Roof System : MR-24® Roof System
End Use : Photo Films Manufacturing Plant

ARC TEC Systems Limited

Location : Nagpur, Maharashtra
Area : 8,950 sq.m.
Roof System : MR-24® Roof System
End Use : Cutting & Welding Equipments Manufacturing Plant

Bengaluru
No. 13, 2nd Floor, 6th Cross, Nandi Durga Road,
Jaya Mahal Extension,
Bengaluru - 560046, India.
Telephone: +91 80 65837060.

Chennai
No. 69, AC Block, Shanthi Colony,
Anna Nagar, Chennai - 600040, India.
Telephone: +91 44 42693319

Delhi NCR
Unit No. 304 & 305, 3rd Floor,
Tower - A, Millennium Plaza,
Sushant Lok 2, Sector 27, Gurgaon,
Haryana - 122001, India.
Telephone: +91 124 4712806

Kolkata
Tata Centre - Third Floor, 43, Jawaharlal Nehru Road,
Kolkata - 700071, India.
Telephone: +91 33 65502727

Mumbai
702/3, 7th Floor, Maithili, Sector - 30A,
Vashi, Navi Mumbai - 400 705, India.
Telephone: +91 22 66743330

Pune
Survey No. 247 & 250, Hinjewadi,
Taluka Mulshi, Pune - 411057, India.
Telephone: +91 20 66742000

Vadodara
1st Floor, "Prafulla" 62, Haribhakti Extn,
Opp. ABS Tower, Behind Rotary Club Building,
Old Padra Road, Vadodara - 390007, India.
Telephone: +91 265 2350403

BSPM/12.2/0414/UT

TATA BLUESCOPE
BUILDING SOLUTIONS
(A Division of Tata BlueScope Steel Limited)

Survey No. 247 & 250, Hinjewadi, Taluka Mulshi,
Pune - 411057. India. Tel: +91 20 66742000,
Email: butler@tatabluescopesteel.com
Website: www.tatabluescope-bs.com

Tata BlueScope Steel Limited, CIN : U45209PN2005PLC020270, Regd. Office: The Metropolitan, Final Plot No. 27, Survey No. 21, Wakdewadi, Shivaji Nagar, Pune - 411005. INDIA.