



Residential | Commercial | Industrial



COLORing lives in steel

Made in India with 150 years of Global Research with Legacy of Trust & Quality

Smart लोगों की Smart परसंद



## Maintenance Guidelines

### Maintenance guidelines for DURASHINE® sheets & components:

Roof/Wall (sheets & components) must be cleaned regularly. Twigs, debris, dust, plant leaves and fungal (all external matters) should be removed and then roof should be cleaned with water. Ensure no scratch/damage occurs to the sheets during removal.

#### Post Installation:

- ✓ Check for screws, rivets, nails, sheet metal off-cuts, tin cans, etc leftover on top of sheets. Large/sharp or heavy items should be removed by hand using gloves.
- ✓ Check for sand or dirt build up, it should be washed off with clean water and a soft nylon brush.
- ✓ Clean from top to bottom and give a final rinse with water when completed. Ensure no water is trapped anywhere.

#### Regular Maintenance:

- ✓ Sweep debris into a pile using a stiff, soft bristled brush (shovels or hard tools should not be used)
- ✓ The whole roof and gutters should then be washed down with a hose, including high ends of gutters possibly protected by overhangs, rain heads, water spouts and overflow locations.
- ✓ Ensure no water is trapped/ponding anywhere.



**Instructions for fasteners:** Use carbon free washers with class 3 fasteners for installing DURASHINE® roofs and accessories



**Maintenance Recommendation:** Clean and maintain your roof regularly to remove dust and dirt.



Colour shades are for reference only and actual colour of the product may. Colour range and product range is subject to availability. The above product is subject to the guidelines available at [www.tatabluescopesteel.com](http://www.tatabluescopesteel.com) and this shall not be construed as warranty or guarantee of the product of any kind whatsoever.

Dealer Name and Address



Download DURASHINE® APP



1800 2708333

TOLL FREE

Email: [durashine@tatabluescopesteel.com](mailto:durashine@tatabluescopesteel.com)  
Website: [www.tatabluescopesteel.com](http://www.tatabluescopesteel.com)

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Tata BlueScope Steel Pvt. Ltd. CIN: U45209PN2005PTC020270 Regd. Office: The Metropolitan, 4th Floor, Final Plot. No. 27, Sr. No. 21, Wakdewadi, Shivaji Nagar, Pune- 411005, INDIA. DURASHINE® is registered trademark of Tata BlueScope Steel Pvt. Ltd. ©2022 Tata BlueScope Steel Pvt. Ltd. All rights reserved.



2021 & 2018



2020 & 2019



2018 & 2014



2018 & 2017

India's Most Trusted Brand



DURASHINE® is the flagship retail brand of Tata BlueScope Steel Pvt. Ltd.

The brand manufactures and sells roll formed colour coated steel roof & wall sheets, structural products and accessories.

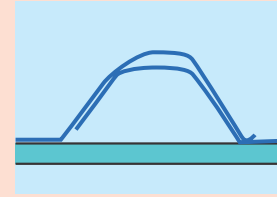
Launched in the year 2008, the brand has become the preferred choice in the segment.



## ⊗ Don'ts for Installation



- ⊗ Don't keep colour coated sheets in contact with cement, dirt and chemicals like paint and thinner



- ⊗ The groove portion should not be on the outer side. Improper contact makes the roof vulnerable to water leakages



- ⊗ Don't install the roof sheets during rains, sheets get wet and slippery



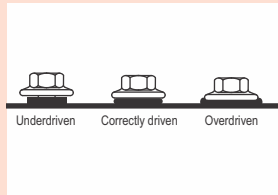
- ⊗ Don't leave metal articles on the roof
- ⊗ Don't throw bird feed on the sheet. Bird dropping can damage the colour of the sheet



- ⊗ Don't use stainless steel screws, J hooks and carbon washers as they may damage the sheet



- ⊗ Don't use acetic acid based sealants which liberate aggressive by-products during curing which is detrimental to steel sheets
- ⊗ Never use abrasive or solvent type cleaners and wire brushes, steel wool, sponge, scourers to clean the roof sheet as it softens the paint film



- ⊗ Don't overdrive or under drive the screw as it can lead to water leakage or washer damage



- ⊗ Don't walk on a single rib, end laps gutter and skylight sheets

### Disclaimer on Condensation:

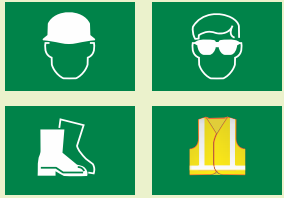


Condensation is the natural formation of water droplets on the bottom side of any installed metal roofing sheet. It may occur when there is a difference in temperature between the air in the building and the sheet itself, causing the water vapour (moisture) in the air to condense on the inside of the sheet. It is a natural phenomenon and hence no claims will be entertained in this regard.

The risk of condensation may be minimised by providing proper ventilation arrangement in the roofs and by using suitable insulation.



## ✓ Do's for Installation



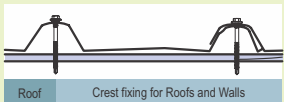
- ✓ Use recommended Personal Protective Equipment (helmet, goggles, shoes, gloves and high visibility vests) while handling and installing the sheets
- ✓ Always wear smooth and soft-soled shoes



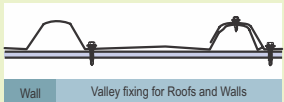
- ✓ Cut materials on the ground and not on other material where hot particles can fall and cause damage to the finishing of the sheet
- ✓ Remove all metal scrap, drill particles, pop rivet mandrels and excess fasteners from the roof to avoid rust stains



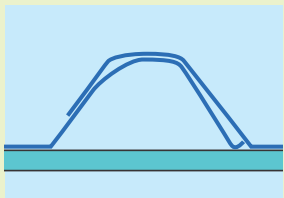
- ✓ Use a power saw with a metal-cutting blade to cut thin sheets. This results in fewer hot metal particles and leaves less resultant burr than a carborundum disc



- ✓ **For Roofing:** Always place roof screws through the crest



- ✓ **For Walling:** Always fix screws either on valley or through the crest by stitching
- ✓ Use recommended screws/fasteners of Class 3 with EPDM rubber sealing washers



- ✓ The groove portion should be on the inner side. The air gap on the left ensures that water does not travel upward



- ✓ Structures like tubes, HSS, angles and channels (except Zinc coated supporting structures) should be painted before fixing the sheets
- ✓ Use neutral cure silicone rubber sealants



- ✓ Clean the roof with clean water or mild detergent by using soft cloth, mop or soft nylon bristle to avoid swarf stains and rusts
- ✓ Use chalk line and fix screw directly on the supporting members



- ✓ While walking on the roof, keep your weight evenly distributed to avoid concentrating your weight on either heels or toes



- ✓ Remove the guard film after installation. If not removed it could have adverse effect on the colour and will be broken into pieces due to weathering effects



Residential | Commercial | Industrial

**Long Lasting:** Zn-Al alloy coating and superior paint quality provides longer life and better corrosion resistance compared to galvanised sheets

**High Strength:** Manufactured from high quality raw material ensures strong and durable sheets

**Better Thermal Efficiency:** Zn-Al alloy coating ensures high heat reflectivity, thereby making the sheets an energy efficient solution

**Easy Installation:** Longer span and wider spread ensures design freedom and ease in installation

**Saves Cost:** Light weight sheets makes it easy to handle, install and lowers overall foundation and installation costs



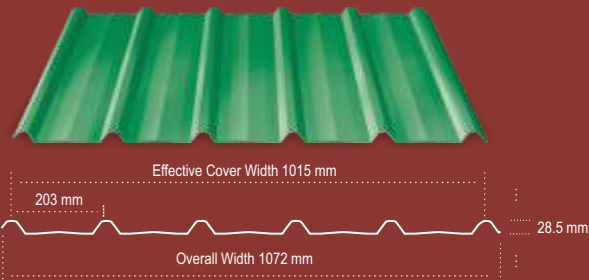
# DURASHINE® Roof



## Material Specification

Total Painted Thickness (mm)	0.37 / 0.47 / 0.52 / 0.62
Sheet length* (mm)	2440 (8 ft), 3050 (10 ft), 3660 (12 ft), 4270 (14 ft), 4880 (16 ft), 5490 (18 ft), 6100 (20 ft), 6710 (22 ft), 7320 (24 ft)
Effective cover width (mm)	Nominal 1015
Overall width (mm)	Nominal 1072
Min. Roof Slope (Degree)	5

\* Sheet length in feet is approximate value



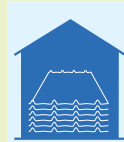
Always look for DURASHINE® Tata BlueScope Steel brand on backside of the sheet

## Roof Colour Range

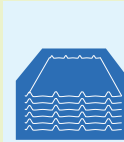


## Material Storage

### ✓ Do's



Store Indoors



Store under Cover

- ✓ Store indoor and away from access to open areas. If left in the open, protect with waterproof covers
- ✓ If material is not required for immediate use, stack it neatly and clear off the ground. Maintain a clear gap of 30 cm between sheet package and ground



Store at min. 5° slope



Inspect regularly

- ✓ Store off the ground and with a minimum 5 degrees slope (1:10) so that if rain penetrates the covering, water will drain away
- ✓ Inspect the storage site regularly to ensure that moisture has not penetrated the stock



- ✓ If stacked or bundled product gets wet, separate it without delay, wipe it with a clean cloth and allow it to dry thoroughly
- ✓ The sheet should be kept gently to ensure that it is not damaged



- ✓ Use a spreader bar for long sheets. For small to medium size projects, without mechanical handling facilities unload and pass sheets by hand to the roof one at a time
- ✓ Use Personal Protective Equipment such as clean hand gloves and closed shoes while lifting

### ✗ Don'ts



- ✗ Don't keep heavy material on stacked sheets
- ✗ Don't place sheets vertically without proper support



- ✗ Don't keep sheets in direct contact with soil
- ✗ Don't let the surface get wet



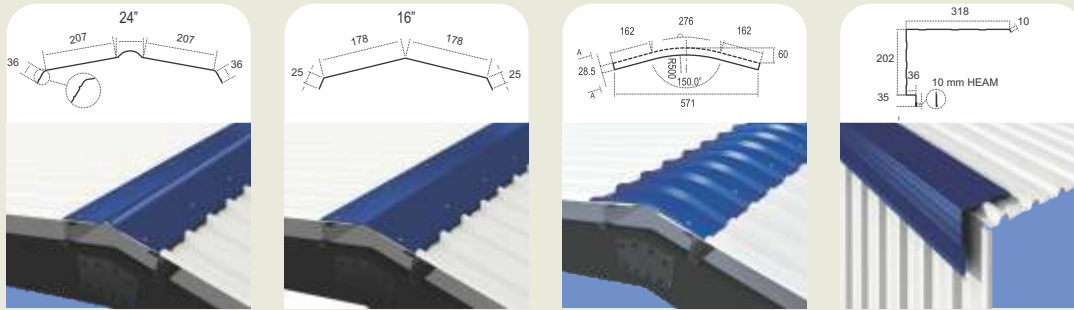
- ✗ Don't use metal chain for lifting sheets
- ✗ Don't store material on walking path. Sheet moving path should be clear and movement of people should be restricted



- ✗ Don't slide sheet over rough surface or over each other. Always carry tools, don't drag them



# Accessories

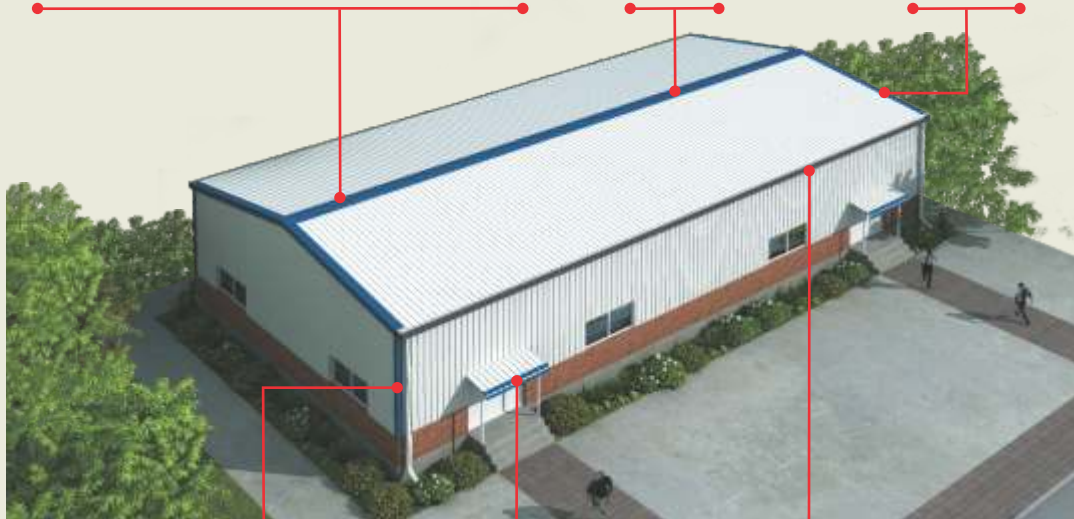


Roll Formed Ridge - Option 1

Plain Ridge - Option 2

Crimp Ridge

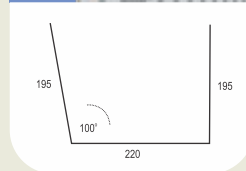
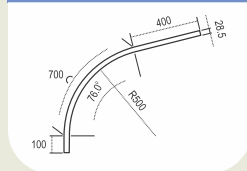
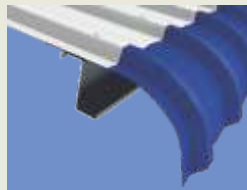
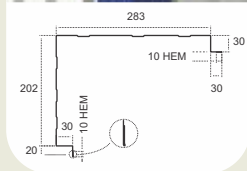
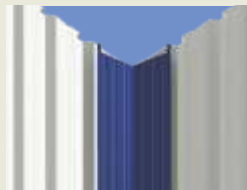
Gable Flashing



Corner Flashing

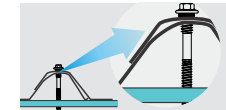
Crimp Eave

Gutter

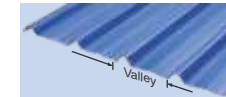


## Key Features

- Smart appearance with subtle square fluting
- Anti-capillary groove ensures leak-proof roof
- Minimum yield strength of 550 MPa ensures required strength for roofing application
- Accurate thickness, width and length gives a perfect fit for any roof
- Wider valley ensures higher water discharge in case of heavy rains



Anti-capillary groove system



Wider valley for higher water discharge



Cherry Red™



Coffee™



Bright Green™



Pearl Green™



Cool Blue™



Nuvo Blue™

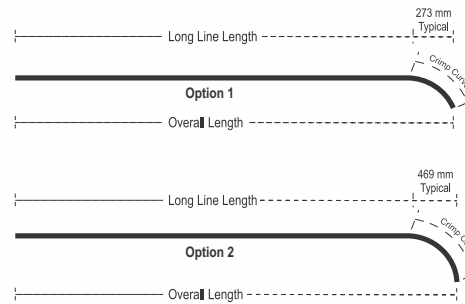


Smart Grey™

# DURASHINE® Wall



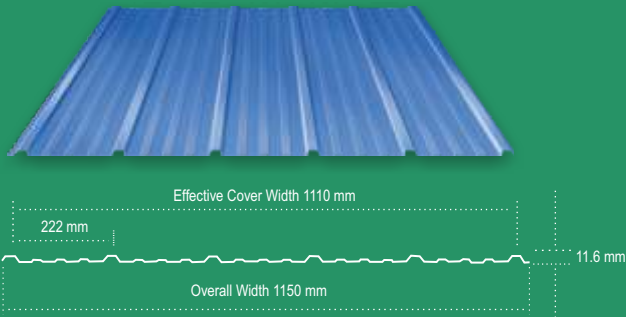
# DURASHINE® LongLine Crimp



## Material Specification

Total Painted Thickness (mm)	0.37 / 0.47 / 0.52 / 0.62
Sheet length* (mm)	2440 (8 ft), 3050 (10 ft), 3660 (12 ft), 4270 (14 ft), 4880 (16 ft), 5490 (18 ft), 6100 (20 ft), 6710 (22 ft), 7320 (24 ft)
Effective cover width (mm)	Nominal 1110
Overall width (mm)	Nominal 1150

\* Sheet length in feet is approximate value



## Material Specification

Total Painted Thickness (mm) - 0.47 / 0.52 / 0.62

Overall Length*		Option '1' (1 feet)		Option '2' (1.5 feet)	
(feet)	(mm)	Long Line Length (mm)	Crimp Curve (mm)	Long Line Length (mm)	Crimp Curve (mm)
8'	2440	2167	305	1971	750
10'	3050	2777	305	2581	750
12'	3660	3387	305	3191	750
14'	4270	3997	305	3801	750
16'	4880	4607	305	4411	750
18'	5490	5217	305	5021	750
20'	6100	5827	305	5631	750

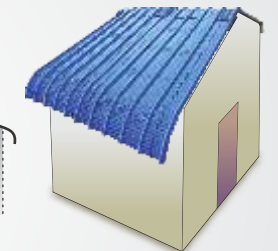
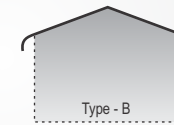
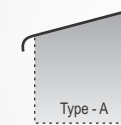
\* Sheet length in feet is approximate value

## Key Features

- No gutter required
- Single length in standard sheet



## Typical Applications



Always look for DURASHINE® Tata BlueScope Steel brand on backside of the sheet

## Wall Colour Range





# DURASHINE® Liner

## Key Features

- Lightest wall cladding for interior and exterior application
- Slightly fluted panels provide attractive look
- Offers high strength and rigidity along the length and flexibility across the width
- Panels can be installed horizontally as well as vertically
- Provides easy solution for false ceilings, partition facings, screens, garage doors, fascias and barge boards

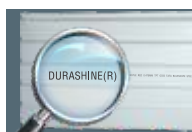
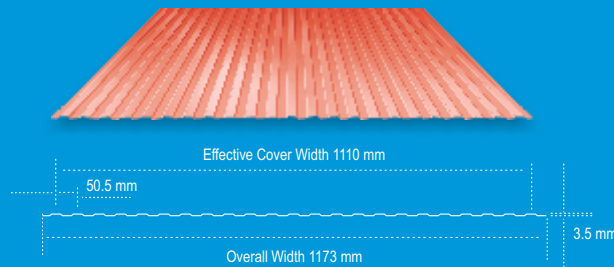
## Key Features

- Wall panels can be installed horizontally and vertically
- Attractive multi-ribbed profile
- Covers wider surface area
- Quick and easy to install
- Available in an attractive colour range
- Strong profile to withstand high wind pressure
- Suitable for wall cladding in industrial, commercial and residential buildings, as well as for garages, screens and fascias.

### Material Specification

Total Painted Thickness (mm)	0.37 / 0.47 / 0.52 / 0.62
Sheet length* (mm)	2440 (8 ft), 3050 (10 ft), 3660 (12 ft), 4270 (14 ft), 4880 (16 ft), 5490 (18 ft), 6100 (20 ft), 6710 (22 ft), 7320 (24 ft)
Effective cover width (mm)	Nominal 1110
Overall width (mm)	Nominal 1173

\* Sheet length in feet is approximate value



Always look for DURASHINE® Tata BlueScope Steel brand on backside of the sheet

Available in Liner only



DURASHINE® WOODLINE

### Colour Range of Liner, LongLine Crimp



Asian White™



Castle Red™



Passion Red™



Cherry Red™



Coffee™



Bright Green™



Pearl Green™



Cool Blue™



Nuvo Blue™



Smart Grey™

# DURASHINE® Tile

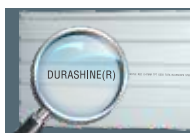
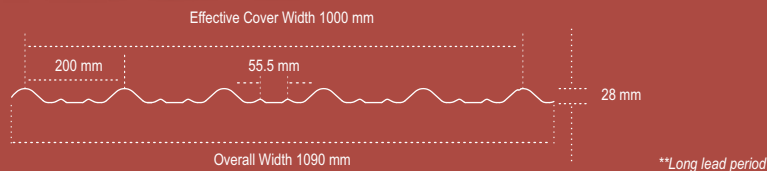
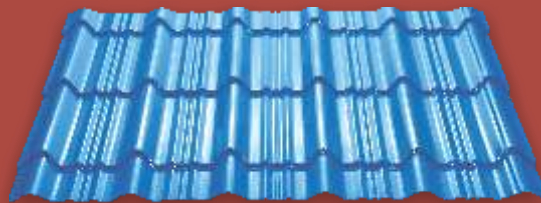
## Key Features

- Strong and Long Lasting
- Pierced fixed and long length steel tile
- Quick and easy to install
- Better Corrosion Resistance
- Better Thermal Efficiency
- Available in a wide range of aesthetically appealing colours

### Material Specification

Sheet Thickness (mm)	0.47 TPT		
Standard Sheet Length* (mm)	2440 (8ft), 3050 (10ft), 3660 (12ft), 4270 (14ft), 4880 (16ft), 5490 (18 ft), 6100 (20 ft)		
Overall Profile Width (mm)	1090	Effective Cover Width (mm)	1000
Min. Roof Slope (Degrees)	15	Rib Height (mm)	28
Min. Span (mm)	1000	Weight	4.9 kgs/sq. mtr (for 200 mm step)
Strength of RM	G300	Pitch / Steps (mm)	200 (Standard) 150, 250 (Optional**)

\* Sheet length in feet is approximate value



Always look for DURASHINE® Tata BlueScope Steel brand on backside of the sheet

### Tile Colour Range



Passion Red™



Castle Red™



Cherry Red™



Coffee™



Bright Green™



Pearl Green™



Nuvo Blue™



Smart Grey™