

**ORALiUM**<sup>®</sup>  
— PREMIUM ALUMINIUM ROOFING —

THE NEW AGE  
ROOFING SOLUTION.



***Nāyi Soch*** in Roofing



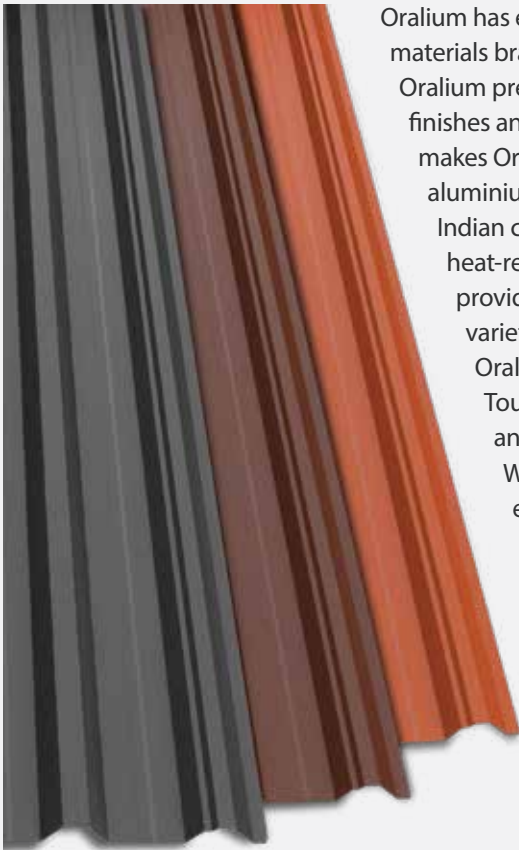
## THE NEW AGE ROOFING SOLUTION

Aluminum has brought in a refreshing change in the construction and infrastructure industry. When it comes to roofing solutions, Aluminium, due to its quality, resale value, easy installation, and aesthetic edge has become one of the most preferred options over conventional roofing methods.

## ALUMINIUM - THE MODERN METAL

Thanks to its durability, lighter weight, non-corrosive nature, and superior strength, aluminium has become the go-to metal of choice for many modern manufacturers, be it high-end smartphones and smartwatches or luxury automobiles, electric vehicles or aircrafts.

## THE FRONTRUNNER



Oralium has established itself as one of India's leading aluminium building materials brand. Among a spectrum of products the flagship brand is Oralium premium aluminium roofing. Oralium offers the most attractive finishes and variety of choices of colours and textures in roofing. What makes Oralium roofing distinct is that it is made from high grade aluminium alloys like 3105 and 5052 which are best suited for roofing in Indian climatic conditions. Being lightweight, anti-rust, and heat-resistant, Oralium roofing has exceptional durability, besides providing up to 60% resale value. Oralium roofing sheets come in a variety of profiles that are ideal for residential and industrial roofing. Oralium Strong and Super Strong is used for industrial roofing. Tough, durable, and anti-corrosive, Oralium roofing is long lasting and can withstand even the most hostile of climatic conditions. When it comes to metal roofing with aesthetic appeal and enduring quality, Oralium is one of the most sought-after brands.



# GET THE ORALIUM ADVANTAGE

## Get it the way you wish

Customise extensively - Mix and match any profile with the colour and texture of your choice - get 80 different combinations.



## Stress-free living

Oralium's marine grade 5052 specialty alloy is a great fit installation in coastal regions thanks to its extreme resistance to corrosion.



## We are there to help, always

Dedicated customer service & support by on-the-ground team to resolve any after sales and installation issues that may rarely arise.



## The promise of a lifetime

Oralium Roofing offers a lifetime warranty like no other in the country. Along with a 30-year-warranty for the base metal, Oralium offers a paint warranty that promises a beautiful and lasting roof. Hence being the only brand that provides you the double assurance of protection and aesthetics.

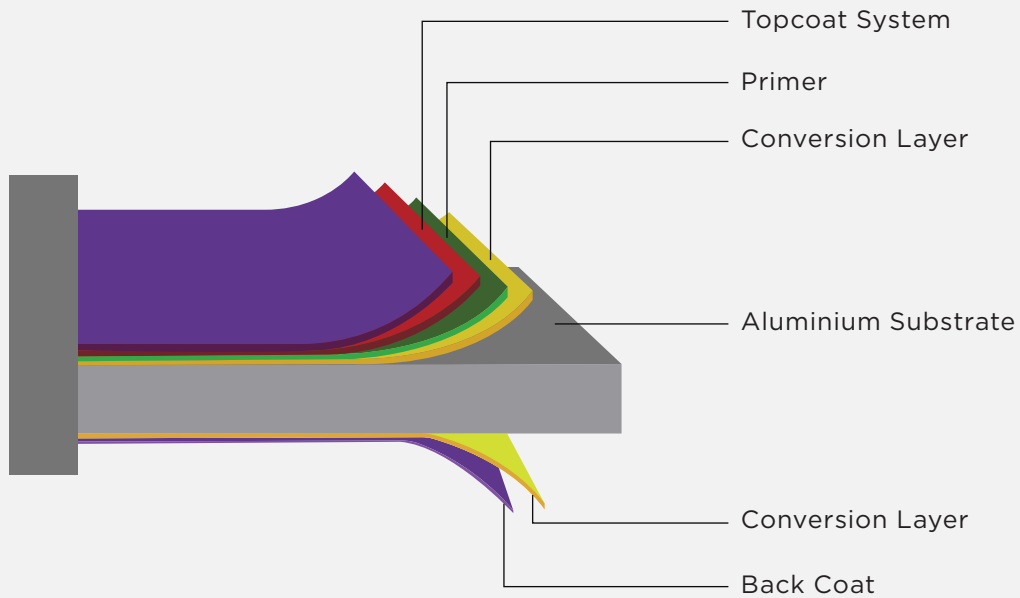


# WHY ALUMINUM IS A SMARTER CHOICE?

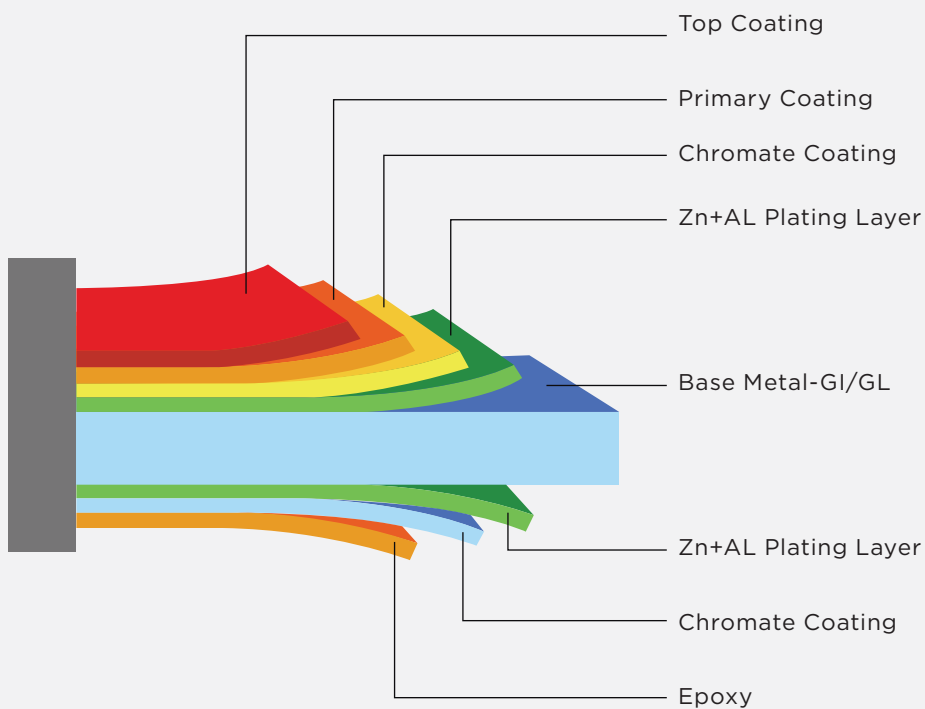
## ORALIUM ALUMINIUM ROOFING SHEETS Vs. GI/GL ROOFING SHEETS

ATTRIBUTES	ORALIUM	GI/GL
Rust proof for decades	Yes	No
Life span	40+ years	5-10 Years
Green metal	Yes	No
100% recyclable	Yes	No
Eco-friendly	Yes	No
Saves electricity by reflecting & discharging heat efficiently	Yes	No
Resale value	Up to 60%	Nil
Weight in comparison	1/3 of GI/GL	Heavy
Less load stress on building	Yes	No
No of profiles/design options	80+	10-15
Length customisation	Yes	No
Wide range of colour options - metallic, texture, plain, mill-finish	Yes	No
PVDF & Super Durable Polyester (SDP) - fade resistant & durable	Yes	No
Various thickness range available	Yes	No
Speciality alloy for coastal area (3004, 3105, Marine grade 5052)	Yes	No
Lifetime base metal warranty	Yes	No
Paint warranty	Yes	No

## ALUMINUM ROOFING



## GI/GL SHEETS



# CERTIFICATIONS



**IMPACT  
RESISTANCE  
TEST**



**SCRATCH  
HARDNESS  
TEST**



**CHEMICAL  
TEST**



**SALT  
SPRAY  
TEST**  
(for 200 hours)



**HEAT  
RESISTANCE  
TEST**  
(at 200° for 15 mins)



**CONFORMS TO  
IS 737:2008**

\* Declaration: Certificated By National Test House Govt. Of India

## HIGHLY SUITABLE FOR INDUSTRIAL APPLICATIONS

Much preferred worldwide for industrial roofing, aluminium reflects sunlight and resists heat efficiently, thus significantly reducing electricity costs to cool industrial interiors, besides enhancing productivity and efficiency of the labour force. Oralium has exclusive profiles to suit all industrial and commercial roofing needs. Aluminium being immensely recyclable, Oralium roofing sheets ensure up to 60% resale value at any point of time.

- ◆ Naturally resist corrosion
- ◆ Reduces power consumption
- ◆ Resists heat efficiently
- ◆ Keeps the interiors cool





# PRODUCT PROFILE



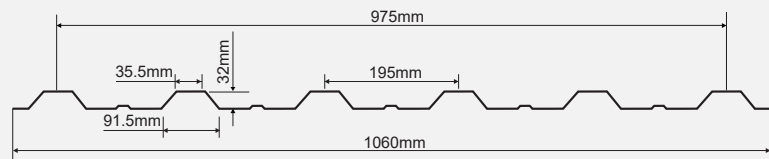
A smart choice for industrial and commercial roofing, Oralium Strong is ideal for roofing of factories, godowns, warehouses etc. This profile provides tough and long-lasting protection, especially in harsh climatic conditions.

- ◆ Tough and durable
- ◆ Original 3105 grade aluminium alloy
- ◆ Corrosion resistant
- ◆ Fire resistant

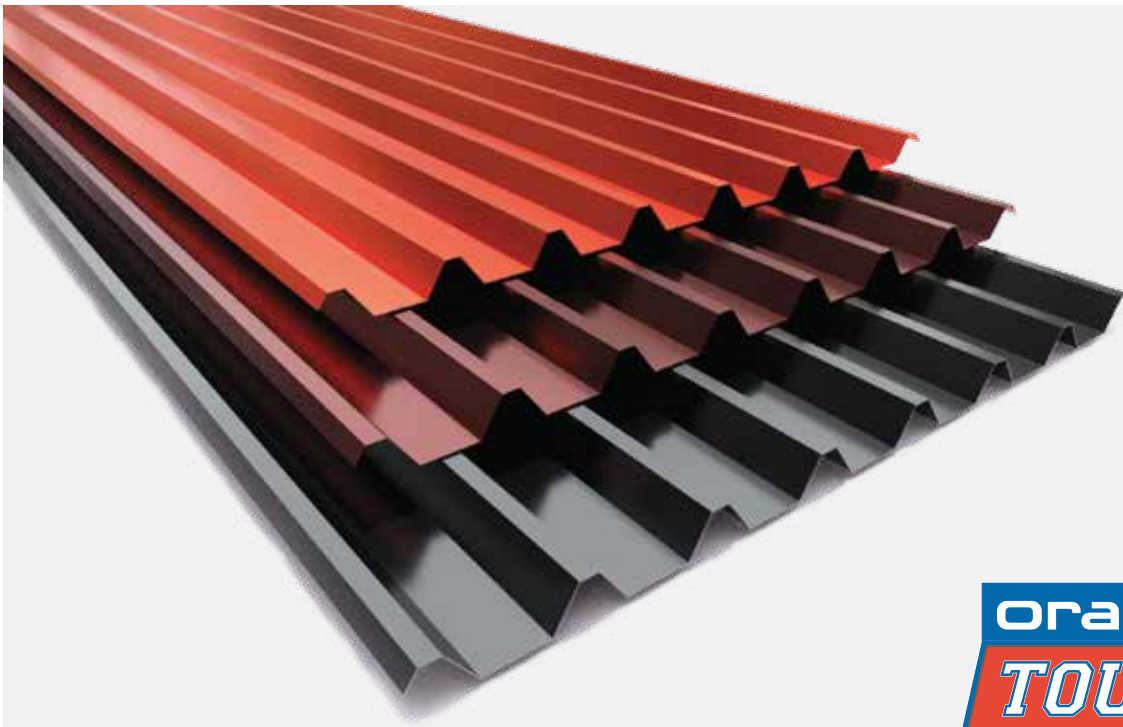
## SOLID COLOURS (SDP)

- Brick Red
- Mahogany Brown
- Cool Grey

Parameters	Dimensions
Trough Depth	32 mm
Pitch	195 mm
Supplied width	1060 mm
Covered width	975 mm
Length	Up to 7.4 metre
Thickness range	0.50 - 0.91 mm



\*Bare Aluminium sheets & Color customization are available. A minimum quantity is required for non-regular colors.



For advanced rigidity and durability in roofing, Oralium Tough is the right solution. Commonly used in large-scale applications, troughed roofs are simple and clear in shape. The design is equipped with static and dynamic load-bearing capacity and capillary grooves that ensure water tightness.

**SOLID COLOURS (SDP)**

- Brick Red
- Mahogany Brown
- Cool Grey

Parameters	Dimensions
Trough Depth	38 mm
Pitch	125 mm
Supplied width	920 mm
Covered width	875 mm
Length	Customised / as per requirement
Thickness range	0.38 to 0.91 mm

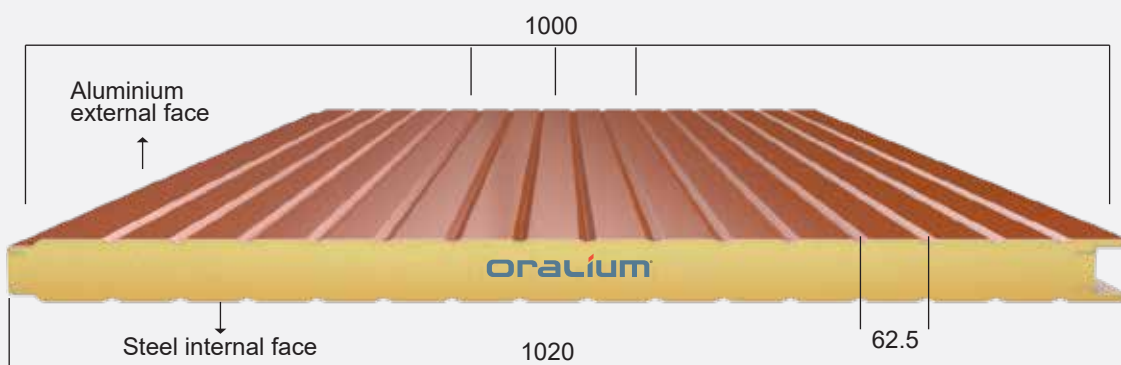
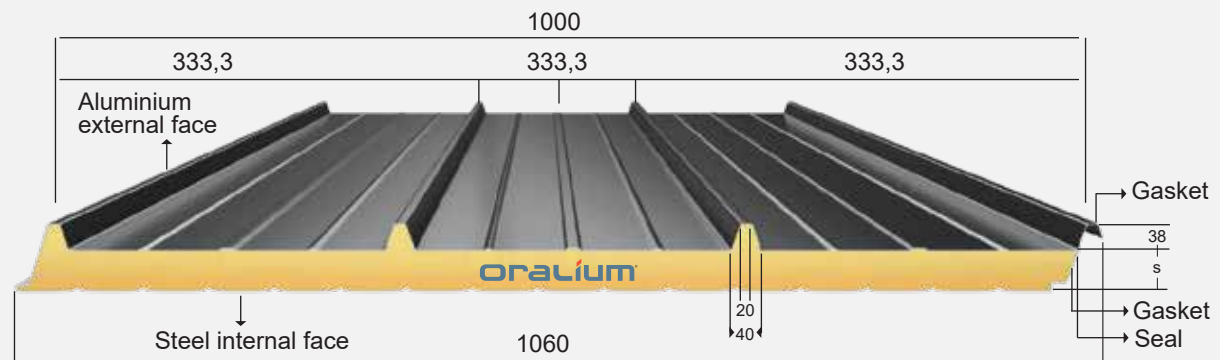


\*Bare Aluminium sheets & Color customization are available. A minimum quantity is required for non-regular colors.



# ALUMINIUM INSULATED PANELS (PUF/PIR SANDWICH PANELS)

Oralium offers sandwich panels for both residential and industrial purposes. These high quality aluminium sandwich panels have high load bearing capacity, durability, excellent thermal and sound insulation.



Panel dimension details sheet specifications	
<b>Top</b>	
Pre-painted Aluminium Coil 0.50 mm thickness	
Top Coat	: Polyester Primer: 5 um
	: Super Durable Polymer Paint: 17 um
<b>Bottom</b>	
Prepainted Galvanized Sheet 0.30 mm thickness	
Back Coat	: Epoxy : 5 um

Panel Foam specifications	
Average Density	: 40 +/- 2 Kg/m <sup>3</sup>
Thermal Conductivity	: 0.024-0.03 W/m deg.C
Temperature Range	: -40-+ 80 deg.C
Free from CFC	
Foam thickness	: 30mm, 50mm
Type of foam	: Polyurethane Foam B2, B3 PIR

COLOUR SHADES

■ Brick Red

■ Mahogany Brown

■ Cool Grey

\*Bare Aluminium sheets & Color customization are available. A minimum quantity is required for non-regular colors.

# ALUMINIUM RIDGES



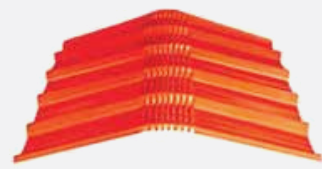
Oralium Capz aluminium ridges are of the finest quality, providing all-weather protection and extra strength. They come in multiple widths so as to suit all requirements.



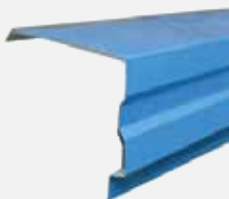
CRIMP



CURVE



PROFILE RIDGE



BARGE CAP



GUTTER



RIDGE

\*Bare Aluminium sheets & Color customization are available. A minimum quantity is required for non-regular colors.

# ROOFING CARE INSTRUCTIONS

## Do these

- ✓ Handle the sheets with care during transportation & installation
- ✓ Al-Zn paint coating for the structure is recommended for longevity of the roof.
- ✓ Ensure the guard film is rolled up from the edges and removed before installation.
- ✓ The anti-capillary groove should always come under the overlapping sheet
- ✓ Use class 3 anti-corrosive screws with EPDM washers to ensure longevity
- ✓ Screws should be installed at the crest of the sheets rather than valleys
- ✓ While walking on the roof, use a cat ladder or always step on the purlin
- ✓ Timely cleaning of the roof is advisable to remove unwanted settlements

## Don't do these

- ✗ Avoid excessive stacking of sheets to prevent damage to the bottom-most sheet
- ✗ Ensure the storage space is safe and does not lead to any accidental damage
- ✗ Don't drop the sheets from a height during transportation or installation
- ✗ Don't let water collect between sheets while storage, to avoid watermarks
- ✗ Don't cut the sheets using a chisel or coarse cutting wheel
- ✗ Avoid exposure to acidic and alkaline materials like cement or fertilizer
- ✗ Avoid contact with fumes & smoke onto sheets, they must be directed away
- ✗ Ensure to remove the screw debris or metal pieces on the sheets after installation

For more information visit <https://www.oralium.in/guidelines>

**Oralium®**

— PREMIUM ALUMINIUM ROOFING —

**RESIDENTIAL | INDUSTRIAL | COMMERCIAL**

[www.oraliumroofing.com](http://www.oraliumroofing.com) | CALL US : 7045 888 000