



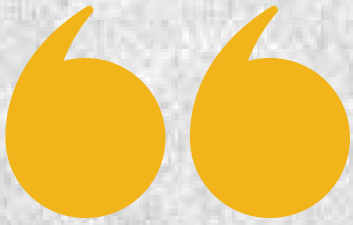
BUILDING PRODUCTS (INDIA) PVT. LTD.

THE SHELTER OF TRUST

ASA Multilayer UPVC Roofing Sheet



PROTECTING
WHAT MATTERS MOST



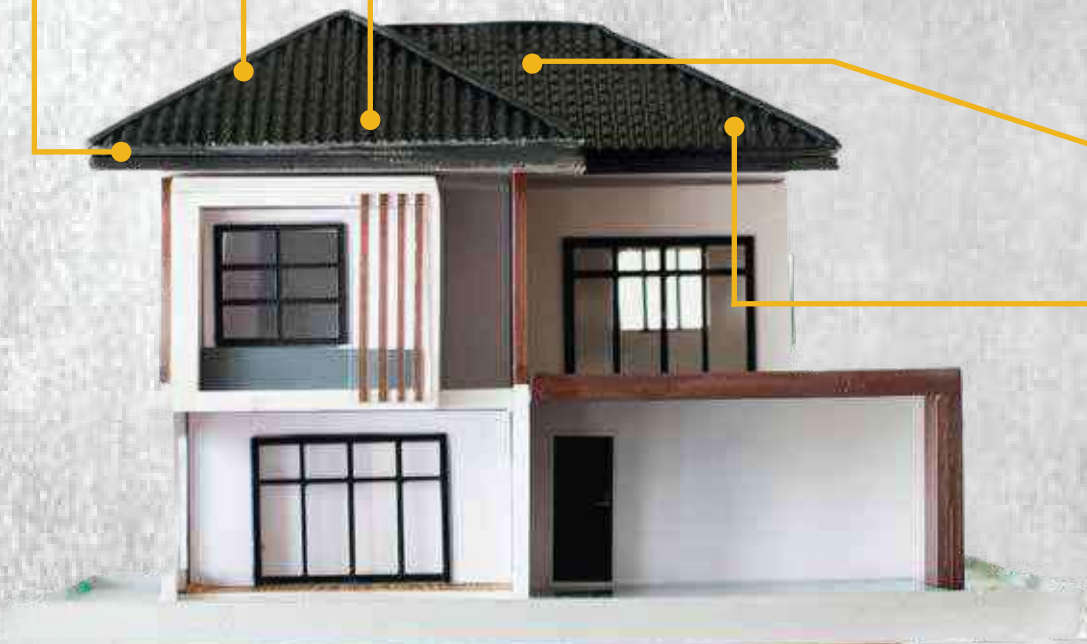
Sustainable

Weather-resistant

Innovative

Strong

Safe



ABOUT US

The **Strength** that Protects; **Quality** that Lasts Long.

Just as important it is to have a solid foundation in construction, equally as important it is to have a strong roof that not only protects, but sustains as well. Seeing the problems that come with metal roofing, and the breadth of benefits that come with UPVC roofing sheets, we took the charge to serve entrepreneurs, businesses, builders, architects, designers, and homeowners with a state-of-the-art, strong, environmentally friendly, and finest quality roofing solution.

Incorporated in January 2023, Swiss Building Products (India) Pvt. Ltd., we are an ISO certified manufacturer of world-class UPVC roofing sheets in India, with an aim to become the one-stop solution for an entire range of construction solutions so that our customers can have the ease and convenience of getting all solutions at one place, relieving them of unnecessary stress caused by constant look out for vendors.

If you've had enough of metal roofing sheets rusting due to water and chemicals, you know how frustrating and expensive it can be to replace them over and over again. That's where we come in! Our UPVC roofing sheets offer a cost-effective and durable alternative that can help you avoid production loss and increase productivity.

And that's not all! Our roofing sheets also come with exceptional thermal and acoustic insulation properties, so you can enjoy a comfortable and efficient environment at your working place.

So if you want high-quality roofing products and services and solutions beyond that, which you can trust, look no further than Swiss Building Products.



VISION

To be the leading provider of high-quality and innovative construction solutions, delivering exceptional value to our customers and driving sustainable growth in the construction industry.



MISSION

Our mission at Swiss Building Products is to provide top-quality UPVC roofing solutions, thermal and acoustic insulation solutions with exceptional customer service, timely delivery, and competitive pricing. We build lasting relationships based on trust, transparency, and mutual benefit while promoting quality, innovation, and sustainability. We aim to make a positive impact on society and the environment through our operations and partnerships.



VALUES

- Integrity
- Transparency
- Reliability
- Quality
- Customer-centric

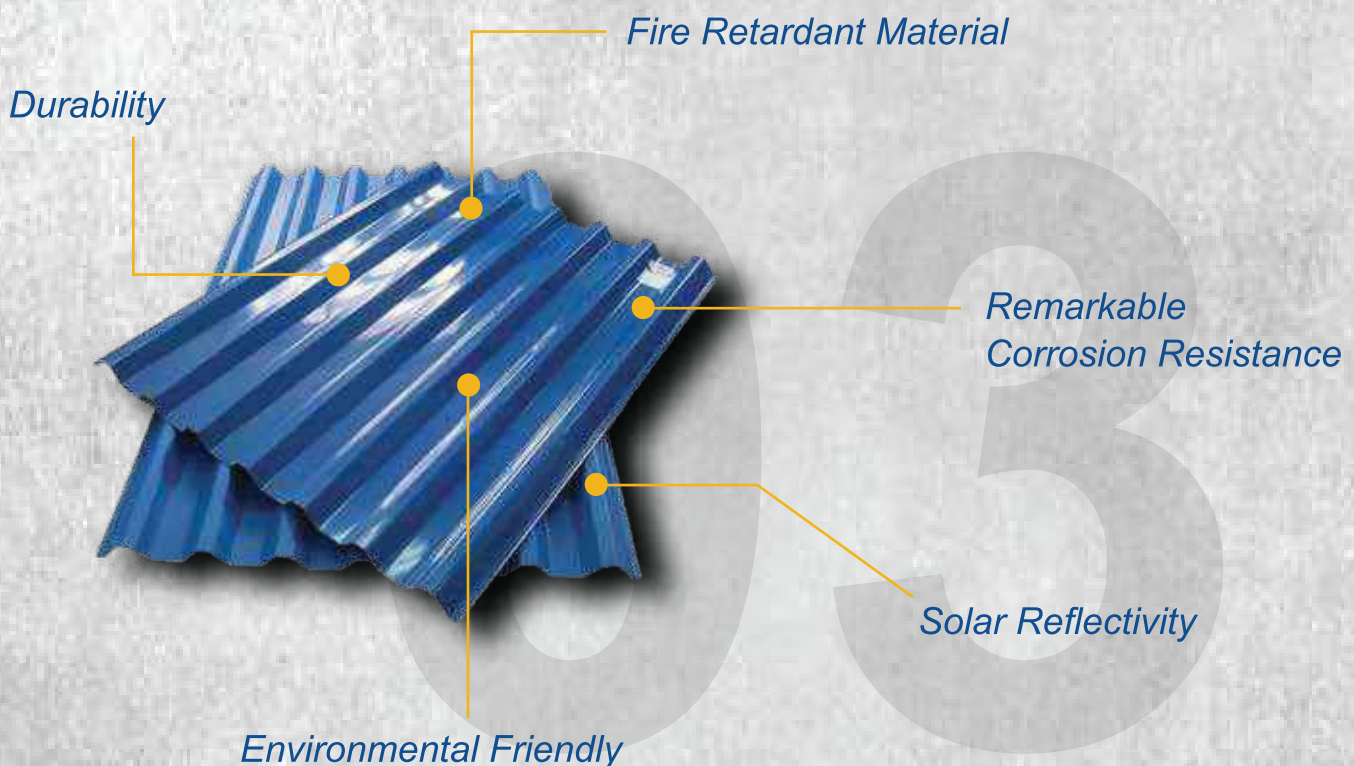
PRODUCT INFORMATION

1. SWISS UPVC ASA MULTI-LAYER ROOFING & CLADDING SHEETS

- About the Product

UPVC roofing sheet is a type of roofing material made from a **tenacious plastic** called **Unplasticized Poly Vinyl Chloride (UPVC)**. It is commonly used as a replacement for traditional roofing materials like asbestos sheets, metal sheets, and traditional (naliya) roofing/glaze roof. And what makes it a strong, modern day alternative for roofing requirements? Head over to the 'Advantages' section.

- Product Benefits and Features



2. BENEFITS



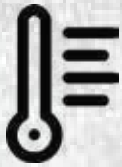
Durable



Water & Corrosion
resistant



Lightweight &
easy to install



Good heat insulation
& fire retardant



Environmentally
friendly



Cost effective

WHY CHOOSE US?



You can have Peaceful nights without worrying about the Quality of the Product & Service you have chosen.



Save a ton of money in the long run!



For trustworthy and transparent partners for your construction solutions.

APPLICATIONS

INDUSTRIAL

Factory, Warehouse, Manufacturing, Automobile, Textile, Chemical, Ceramic, Fertilizer, Food, Pharmaceutical, Metal, Plastic, Paper, Printing & many other industries

COMMERCIAL

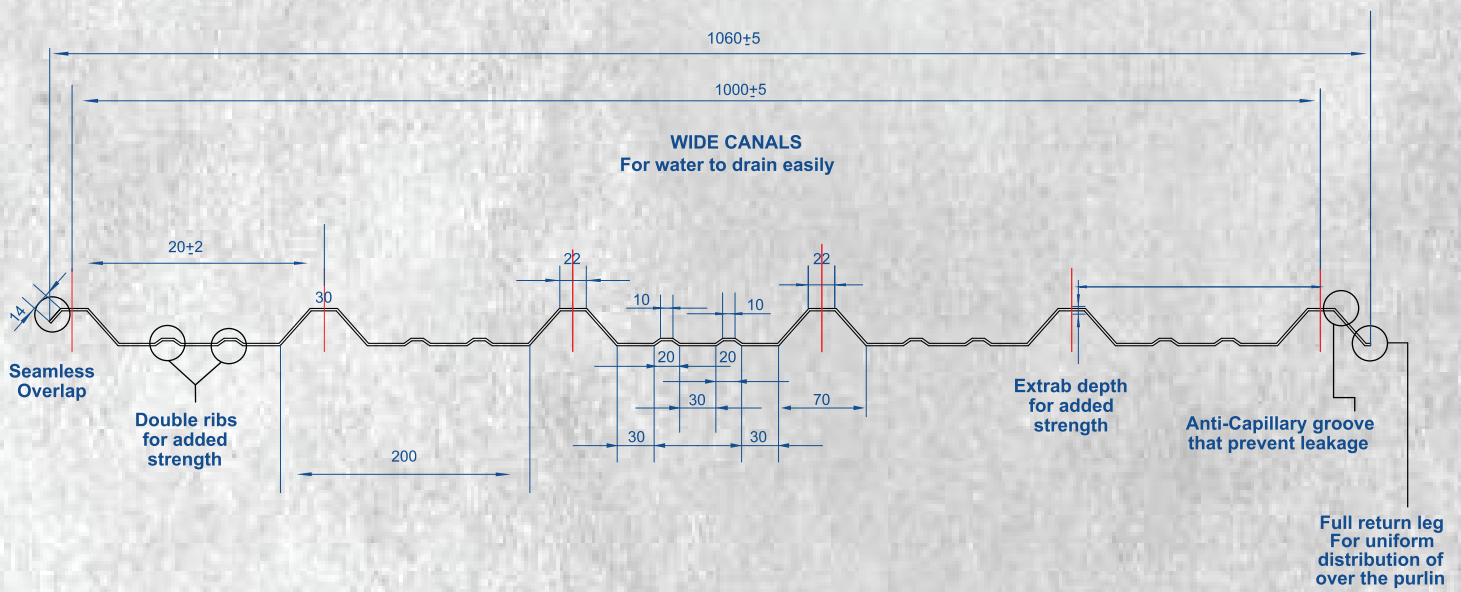
Office buildings, Restaurants, Hotel, Resorts, Club House, Sports Academies, Leisure Buildings, Cow shed, Schools & Hospitals

RESIDENTIAL

Home shed, Roof terrace & Parking Shed

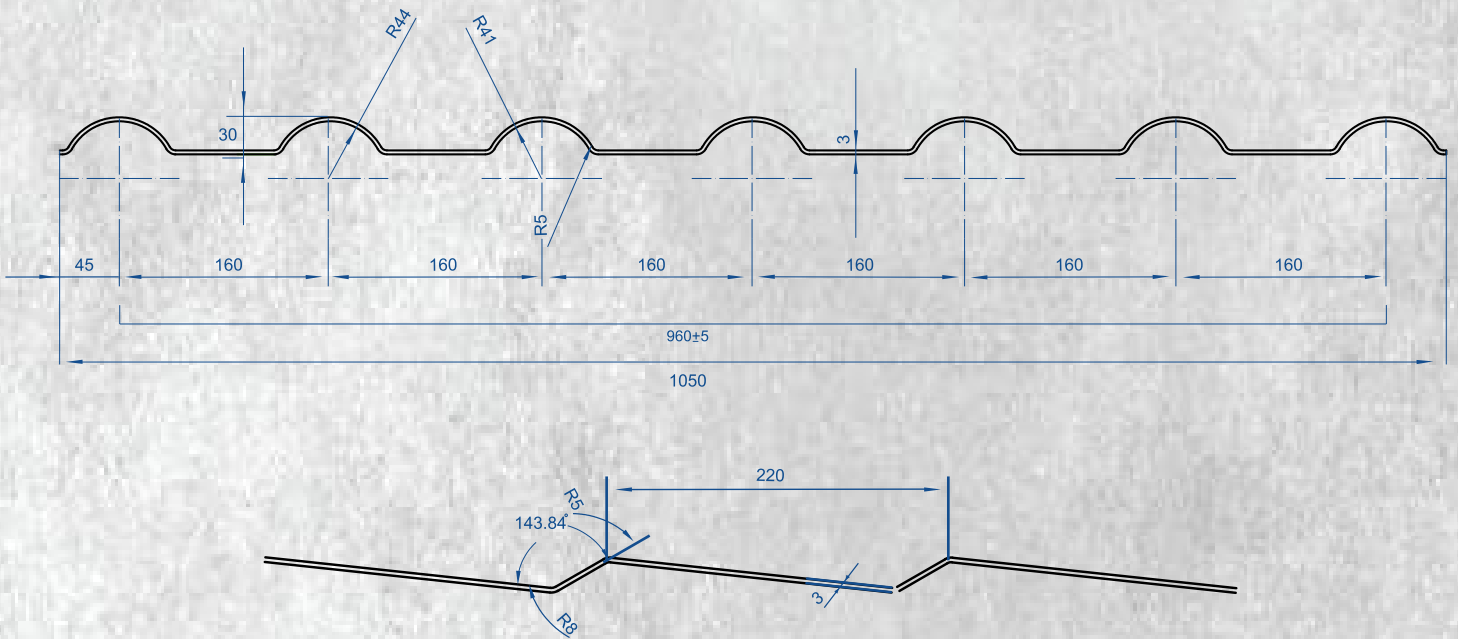
PRODUCT SPECIFICATION

TRAPEZOIDAL ROOF TILE



Thickness in MM	2, 2.5, 3, 3.5, 4, 4.5 & 5
Cover width	1000 ± 5 MM
Supply Width	1060 ± 5 MM
Wave Height	30 MM
Wave Width	70 MM
Center to Center	200 ± 2 MM
Length	Customized (As per client requirement)
Colour	GREEN, BLUE, WHITE, RED, GREY ORANGE & CHERRY RED
Layer Options	2 Layer (ASA & UPVC) 3 Layers (ASA + Hybride + UPVC) 4 Layers (ASA + UPVC + Hybride + UPVC)

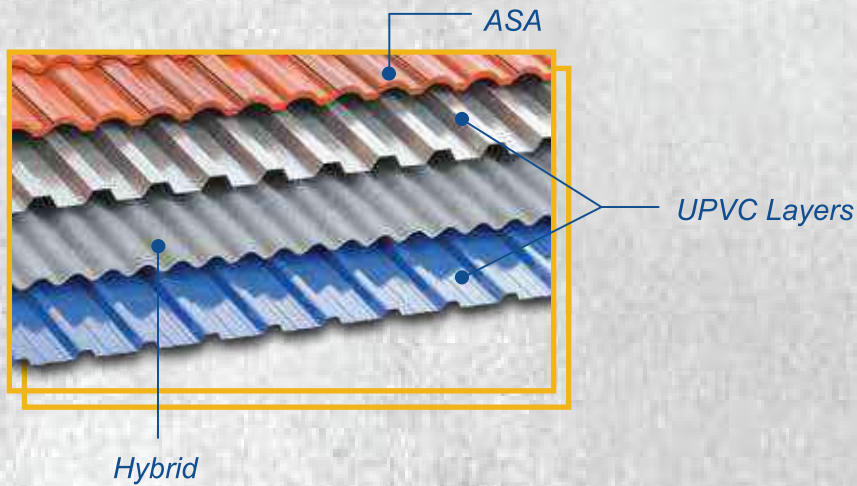
GLAZED ROOF TILE



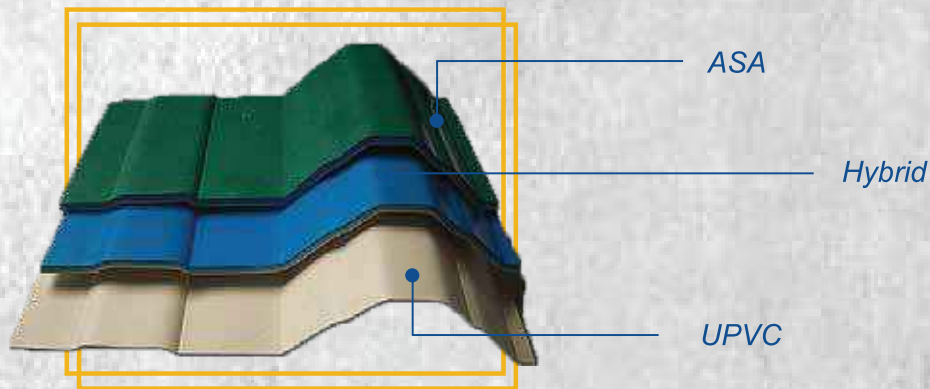
Thickness in MM	2, 2.5, 3, 3.5, 4, 4.5 & 5
Cover width	960 ± 5 MM
Supply Width	1050 ± 5 MM
Wave Height	30 MM
Wave Width	90 MM
Center to Center	160 ± 2 MM
Length	Customized (As per client requirement)
Colour	GREEN, BLUE, WHITE, RED, GREY ORANGE & CHERRY RED
Layer Options	2 Layer (ASA & UPVC) 3 Layers (ASA + Hybride + UPVC) 4 Layers (ASA + UPVC + Hybride + UPVC)

LAYERS

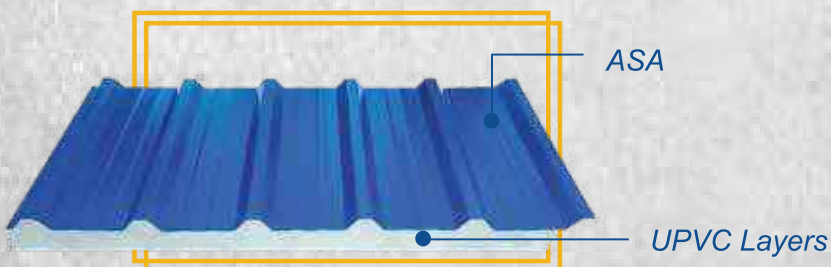
- 4 LAYERS UPVC ROOFING SHEETS



- 3 LAYERS UPVC ROOFING SHEETS



- 2 LAYERS UPVC ROOFING SHEETS



Product Comparison

Roofing Sheet Comparison Chart

Sr No.	Parameter	SWISS ASA Resin Sheet	SWISS UPVC sheet	Metal Sheet	Asbestos Sheet
1	Thermal Conductivity	0.075 W/m. C°	0.075 W/m. C°	15 W/m. C°	0.46 W/m. C°
2	Tensile Strength	36 MP a	36 MP a	50 MP a	20 MP a
3	Flexural Strength	52 MP a	52 MP a	15 MP a	16 MP a
4	Chemical Resistance	Not effected, high efficient	Not effected, high efficient	Effected Poor efficient	Effected Poor Efficient
5	Ultra Violate Resistance	Very High resistance	High resistance	very low resistance	low resistance
6	Corrosion Resistance	Excellent	Excellent	very poor	Good
7	Acoustic Insulation	High NRC and STC performance	High NRC and STC performance	Very Poor	Poor
8	Pressure Prevention	Sheets will rebound to its original shape	Sheets will rebound to its original shape	Sheets will become flat & damage	Sheets will become fully damage
9	Health Hazards	Nil	Nil	Unsecure	Lung Cancer
10	Moisture Resistance	Excellent Resistance, Better use in chemical Industries	Excellent Resistance, Better use in chemical Industries	No	No
11	Installation Cost	Very low	Very low	High	Very High
12	Efficient Installation	Easily cut, drilled or worked with standard carpentry tools	Easily cut, drilled or worked with standard carpentry tools	Involves more labor and effort	Highly brittle, can crack while working

Technical Specification

Parameter	Test Method	ASA UPVC Roofing Sheet Specification
Tensile Strength at break	ASTM D 638	29.64 N/mm ²
Elongation at break	ASTM D 638	70%
Flexural Strength	ASTM D 790	84.71 N/mm ²
Density	ASTM D 792	1.62 gm/cc
Charpy Impact	ASTM D 6110	14.46 Kj/m ²
Rockwell Hardness	ASTM D 785	102
Water absorption (Change in Mass, 24 Hrs)	ASTM D 570	0.08%
Resistance to Chemical (10% H ₂ SO ₄ for 24 hrs)	ASTM D 543	-0.05%
Chemical Resistance (18% HCL for 24 Hrs.)	ASTM D 543	-0.32%
Chemical Resistance (20% NaOH for 24 Hrs.)	ASTM D 543	0.00%
Chemical Resistance (NaCl for 24 Hrs.)	ASTM D 543	0.00%
UV Exposure	ASTM G154	Before UV Exposer 29.6 N/mm ² , After UV Exposer 29.45 N/mm ²
Vicat Softening Temp at 1 kg	ASTM D 1525	92.3 °C
Heat Deflection Temp at 1.8 MPa	ASTM D 648	71.7 °C
Heat Deflection Temp at 66 PSI	ASTM D 648	81.1 °C
Heat Deflection Temp at 264 PSI	ASTM D 648	81.1 °C
Flammability	UL - 94	Match with V0
Rate of Burning	ASTM D 635	Not the specimen continued to burn (with or without visible flame) After application of test flame
Oxygen Index	ASTM D 2863	33%

ACCESSORIES



HIP RIDGE TILE



UPVC DOWN TAKE PIPE



THREE WAY



TURBO VENTILATOR



TOP RIDGE TILE ROUND



TOP RIDGE TILE CORRUGATED



END OF RIDGE TILE



SELF DRILLING SCREW



UPVC GUTTER



PVC CAP



SKYLIGHT



WASHER

PROJECT PHOTOS



INSTALLATION GUIDELINES

We have curated this practical and concise guide for you to navigate through the installation process of our ASA Multi-layer UPVC Roofing and Cladding sheets

• Roof & Wall Cladding

For roofing sheet support the purlin distance is an important parameter to avoid any kind of sheet damage and human safety. For more purlin distance require higher thickness of the Swiss ASA UPVC roofing sheet. The detail of thickness requires for different purlin distance mentioned below table.

Sr No	Thickness	Purlin Distance
1	2.0 MM	< 2.0 feet of purlin span
2	2.5 MM	< 2.5 feet of purlin span
3	3.0 MM	< 3.0 feet of purlin span
4	3.5 MM	< 3.5 feet of purlin span
5	4.0 MM	< 4.0 feet of purlin span
6	4.5 MM	< 4.5 feet of purlin span
7	5.0 MM	< 5.0 feet of purlin span

Installation Accessories

The use of special waterproof accessories ensure waterproofing, wind resistance, and corrosion protection, preventing any unusual circumstances like water-leakage or distortion that could affect the product's lifespan.

Easy Cutting and Fixing

Installing Swiss UPVC roofing and cladding sheets is a breeze, thanks to the easy cutting and drilling properties. To achieve precise cuts, we recommend using a plastic sharp cutter machine or a specialised tool for this purpose..

Storage and Material Handling

1. Handle sheets with clean, dry gloves to preserve the surface.
2. Avoid sliding sheets over rough surfaces or against each other.
3. Store sheets neatly stacked, slightly above ground level.
4. Ensure full support on a firm base of the same dimension as the sheet, at a slight slope.
5. Maintain ventilation for the panels.
6. Avoid leaving, transporting, or storing sheets in direct sunlight during installation.
7. If outdoor storage is necessary, cover sheets with a colour tarpaulin to prevent solar heat buildup between panels.



BUILDING PRODUCTS (INDIA) PVT. LTD.

Making **world-class** products in India,
for the nation and for the world

Factory Address:

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MAKE IN INDIA

