



DynaRoof

SOLID • STYLE

STUNNING AT THE TOP

www.dynarroof.com

**THE NO.1 COLOUR
ROOFING OF
NORTH EAST INDIA**

COLOURFUL RANGE | THERMAL & CORROSION RESISTANT | LOW MAINTENANCE

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Stunning At The Top

DynaRoof, the revolutionary new age color coated roofing sheet, is the flagship company of the Assam based SM Group. A pioneer and leader in the segment of metal roofing in the North East, DynaRoof is almost a generic name for the category in the area of its operation. It has over the years built a reputation for its unparalleled quality and outstanding customer support both in the residential and commercial metal roofing segment.

DynaRoof has been at the forefront of the technology revolution in roofing and cladding space. With a total production capacity of 30000 MT, the company has state-of-the-art manufacturing facilities in Assam and Meghalaya and has recently commissioned its third factory in Siliguri to exclusively cater to the growing demand in North Bengal.

DynaRoof is the only company that offers all facilities under one roof - right from designing, manufacturing to fixing and servicing. Simply put we are a one stop shop. What's more! We have a highly specialised team of experts - The Roof Squad - who take care of all your installation worries, making DynaRoof the preferred choice.

Why DynaRoof is the No.1 Choice?



Range of Products

Our products range from pre-painted galvalume sheets, bare Galvalume sheets and Steel Tiles profile sheets.



Extreme Endurance

DynaRoof can withstand chipping, cracking, peeling and doesn't fade easily or lose luster.



Aesthetic Appeal

Variety of shades and overall finish due to RMP/SMP coatings keep it looking beautiful for ages.



Thermal Resistant

It reflects great amount of heat and light and can withstand extreme weather without discoloration.



Low Maintenance

Its anti corrosive and thermal resistant properties make it low maintenance. Just by cleaning debris accumulated on it annually, the roof stays in top condition.



Anti Corrosive Coatings

RMP/SMP coating makes it 2-3 times more corrosion resistant than ordinary galvanized sheets.



Easy on Environment

DynaRoof is 100% recyclable and doesn't harm the planet.



All under One Roof

Apart from roofing materials, DynaRoof provides on-site measurement, fitting, fixing and after sales service. It also has a full fledged team of highly skilled technicians called - The Roof Squad



Our Presence

Head Quartered in Guwahati with three state of the art manufacturing facilities in Assam, Meghalaya and West Bengal

Fishery College, Nagaon





The DynaRoof Advantage

Conventional bare metal roofs offer no resistance to corrosion and hence require regular maintenance like cleaning and periodic painting. In spite of proper care and maintenance re-roofing is required every 4-5 years.

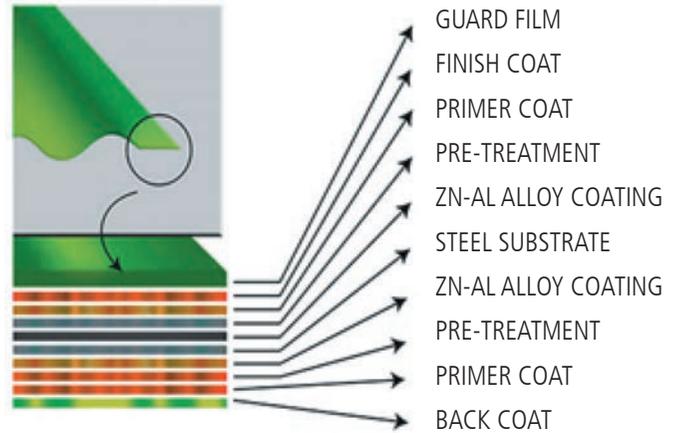
DynaRoof Galvalume sheets offer a unique combination of advantages, the strength of steel, innovative designs, excellent corrosion resistance and durability.

DynaRoof color coated profile sheets have become the material of choice for residential and commercial roofing. Architects, structural specialists and project engineers are using it in a new and bold way.

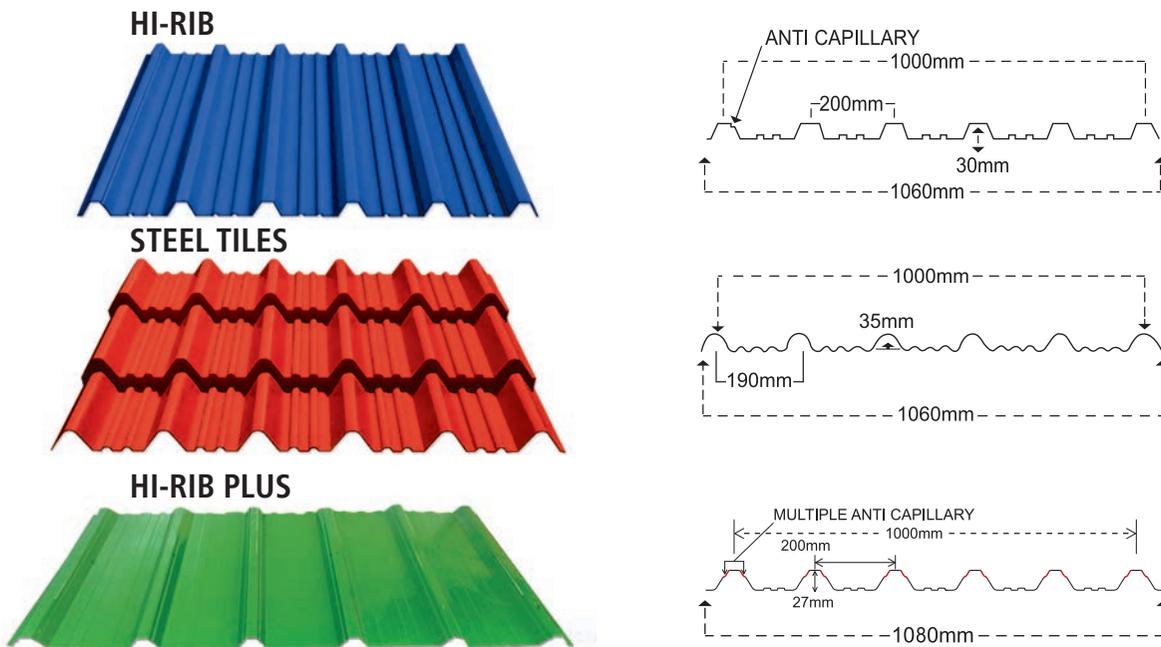
Product Detailing

Product Specification: Pre-Painted galvalume sheet Dyna Roof PPGL Sheet

Substrate Material : Aluminium and zinc alloy coating with steel base. (55% Al, 43.5% Zn and 1.5% Silicon)
 Alloy Coating : AZ 150, AZ 100 and AZ 70
 Thickness : 0.35 mm-0.80 mm
 Yield Strength : Minimum 240 mpa to 550 mpa
 Standards : As per ASTM A792/A792M & AS1397
 Paint System : RMP/SMP
 Characteristics : Top Coat: 18-25 micron
 Primer Top Coat: 5-7 micron
 Back Coat: 6-8 micron
 Primer Back Coat: 3-4 micron

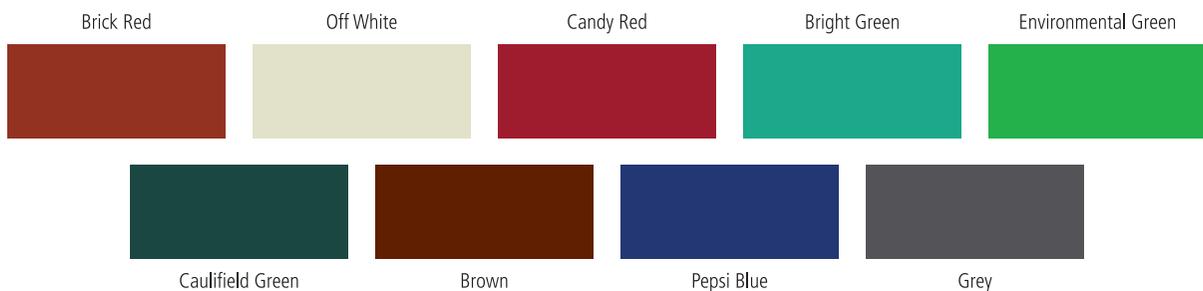


Profile Technical Specifications



*High-Rib Plus is exclusively available in North Bengal only

Profiles available in all colours:



Load carrying capacity of DynaRoof profile sheets

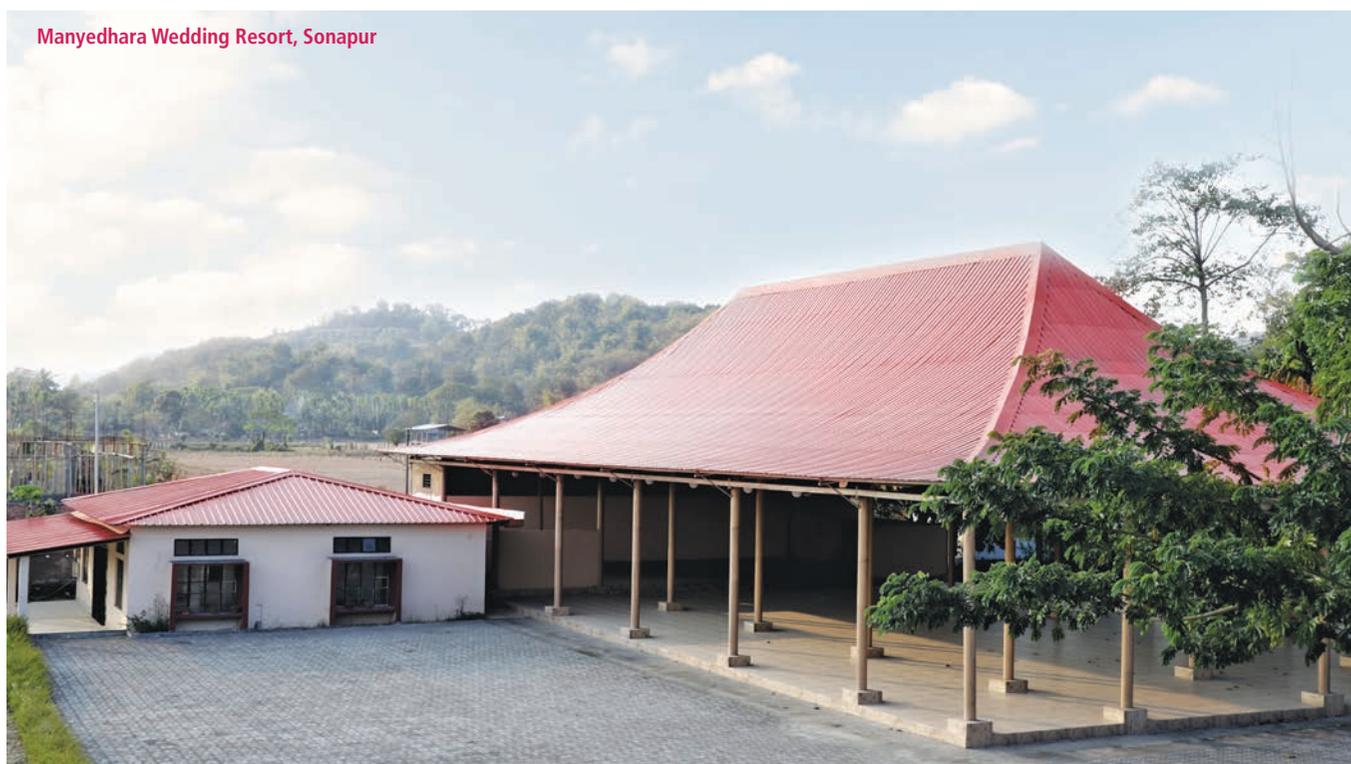
Thickness in mm -->>	0.4		0.5		0.6		0.8	
Purlin Spacing in M	Allowable Super imposed load in Kg/m ²		Allowable Super imposed load in Kg/m ²		Allowable Super imposed load in Kg/m ²		Allowable Super imposed load in Kg/m ²	
	240 Mpa	550 Mpa						
1.2	193.85	384.32	265.05	521.35	341.99	671.35	506.53	1003.6
1.4	141.4	281.34	193.46	381.76	249.73	491.72	370.11	735.3
1.6	107.37	214.51	147.00	291.17	189.86	375.12	281.57	561.17
1.7	94.67	189.58	129.66	257.37	167.52	331.63	248.54	496.22
1.8	84.03	168.68	115.14	229.05	148.8	295.19	220.87	441.79
2.0	67.33	135.91	92.35	184.62	119.44	238.01	177.45	356.39

Installation Guidelines

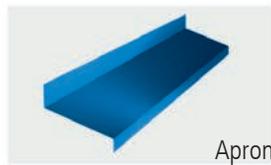
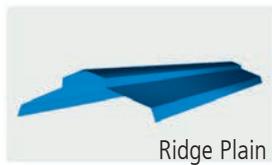
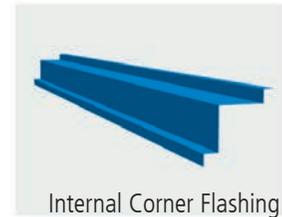
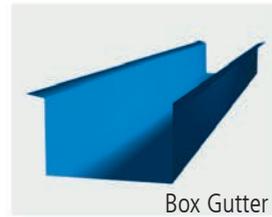
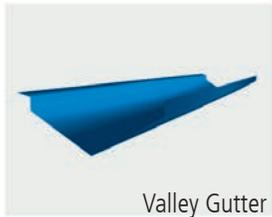
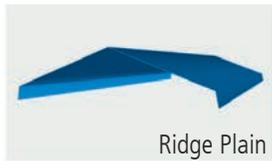
Purlin Distance Required for Hi-Rib Profile Sheets		Purlin Distance Required for Steel Tiles Profile	
Thickness	Purlin Gap	Thickness	Purlin Gap
0.35 & 0.40 mm	900 mm to 1100 mm	0.40 mm	800 mm
0.45 & 0.50 mm	1100 mm to 1400 mm	0.50 mm	950 mm
0.55 & 0.60 mm	1400 mm to 1650 mm		
0.80 mm	1650 mm to 1850 mm		

- To get the best performance of your DynaRoof, purlin should first be painted with Red Oxide Primer Coating and then with a double coating of plastic enamel paint.
- Before fitting the DynaRoof sheet, you need to first remove the guard-film.

Manyedhara Wedding Resort, Sonapur



Accessories



Screw Specifications



High quality accessories like screws, sealants, washers are required for best roofing performance.



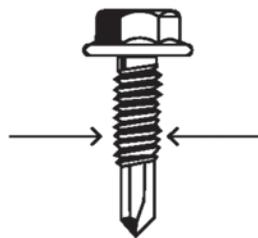
Screw Specifications

Self Drilling and Self Tapping (SD ST) Screw

Application - The size and thickness of screw define its use as given below

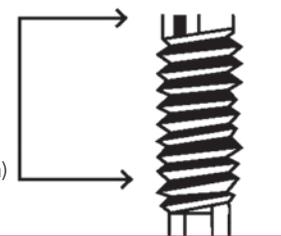
Gauge

The gauge of the screw is determined by the basic size of the thread's outside diameter
 10 gauge 4.8 mm
 12 gauge 5.5 mm
 14 gauge 6.3mm



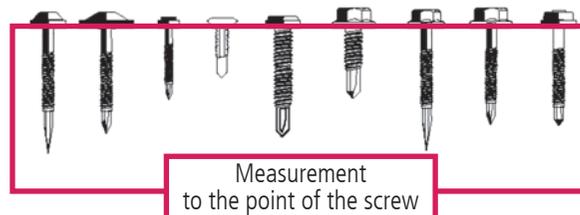
TPI

(Threads per inch)
 The TPI is the number of thread crests that can be counted along a lineal measurement of 1 inch (25.4mm)



Length of Fasteners

The following type of fasteners are measured from the underside of the head to the point of the screw



Screw Specification

- Screw Standard-AS 3566
 The AS 3566 is a standard established by the Standard Association of Australia to specify the requirement for a Self Drilling Screw to be suitable for use in Steel and Timber
- Grade -Class-3 coating which is a unique anti-corrosive coating system consisting of three distinct layers which combine to give exceptional protection
- Base Materials-Carbon Steel Grade-1022
- Material Composition-A mechanically deposited Zinc and Tin alloy and 70% Zinc and 30% Tin with excellent galvanic protection
- Anti-Corrosive Coating Thickness-32 micron
- Anti corrosive test-1000 Hrs Salt Spray Test done by Regional Testing Centre (Govt. of India) New Delhi and Shriram Institute for Industrial Research - New Delhi
- Colour-Silver Grey appearance

Gallery



Dhansiri Resort, Kaziranga



Malki Church at Shillong



Assam Engineering College Hostel



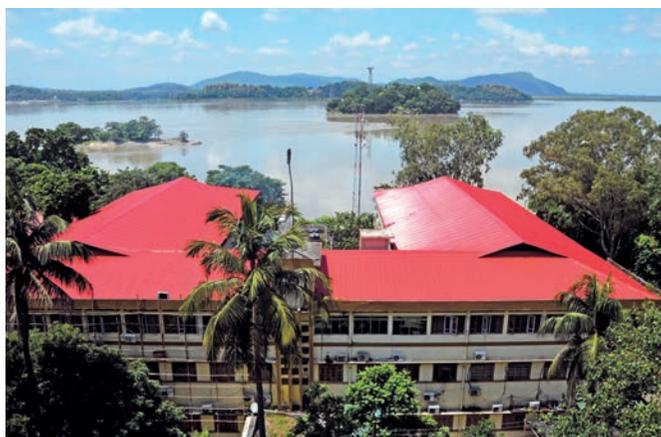
Private House



Kamakhya Gate Foot Over Bridge, Guwahati



Kharkhowa Restaurant, Mangaldoi



DC Office Kamrup Metro



Private House, Tezpur



SRD Group, Mangaldoi



Private House, Guwahati



Tezpur Medical College & Hospital



Private House



**INCREDIBLY
STRONG
UNBELIEVABLY
SUPPORT-FREE**

Dyna TBS is a venture of DynaRoof Pvt.Ltd. This is yet another new age innovative solution in the form of self-supporting, trussless roofing technology. This unique concept is ideally suited for large span structures with no intermediary columns. The technologically advanced roofing solution facilitates manufacturing and execution of roofing needs on the site itself, thus accelerating the execution of any project to incredible proportions.

Aesthetically pleasing and structurally robust Dyna TBS is more durable than conventional roofing with higher corrosion resistance. Its unique structure also makes it 100% leak proof.



Karbi Anglong Sports Association, Diphu

Give Your Roof The Dyna TBS Advantage



Clear unobstructed spans



Zero Maintenance



Long Life



Fastest Roofing Solution



North East India presence



No Bird Nuisance



100% leak proof



Corrosion Resistant



On-site Production



Cost Effective



Aesthetically Appealing



Dedicated After Sales Support

Our Projects



KASA, Diphu



Ganesh Akhra Mandir, Gauripur



KASA, Dongkamukam



KASA, Diphu

MATERIAL SPECIFICATION

BASE METAL	PRODUCT / MATERIAL	COATING GRADE	COLOUR COATING	YIELD STRENGTH	THICKNESS	COIL WIDTH	EFFECTIVE WIDTH
High Grade Steel	Pre-painted Alu-zinc steel sheets Az 150. (Galvalume base- An alloy of 55% aluminium and 43.5% zinc and 1.5% Silicon)	Az150	RMP, Polyester, S.M.P., H.D.P. Coatings	ASTM, A782D (Yield strength 350 mps)	0.80mm-1.30mm	914 mm	610mm

Super Cover For Super Structures

Dyna TBS sheets are single continuous self supported sheet from eaves to eaves, machine curved to precision.

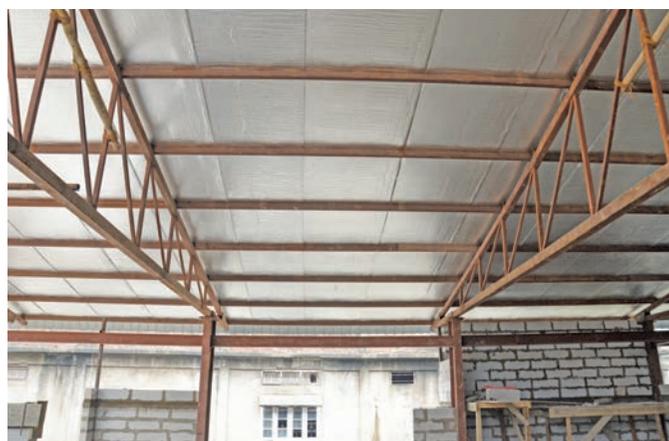
Auditoriums	Indoor Stadiums	Aircraft Hangers	Stadiums Galleries	Parking Sheds	Conventional Halls
Warehouse	Toll Plazas	Swimming Pools	Factories	Showrooms	

Spectrum of Services

Dyna Insulation

Insulation in your roof plays a crucial role in keeping your home cooler during summer and warmer in winter. By acting as a barrier to heat flow, insulation in roofing provides a wide range of benefits for your home, from helping to maintain a comfortable temperature in your home to improving energy efficiency.

- 1. Heat Prevention:** Depending on the climate throughout the year, insulation may serve the primary purpose of keeping heat out. Roof insulation prevents too much heat from entering your house, keeping your home cooler.
- 2. Heat Retention:** Ensuring your house is comfortable and cosy during the colder months of the year is very important. Heating systems play an essential role in keeping our homes warm. However, without an insulated roof, much of this heat can escape through your roof.
- 3. Energy Savings:** With quality insulation in your roof, your cooling systems don't have to use as much energy to keep your home at a desirable temperature, allowing you to save on your power bills.
- 4. Sustainability:** Insulating your roof is one of the best energy-saving projects you can complete in your home to reduce your emissions and overall impact on the environment.



Water conservation: Rainwater harvesting

The Govt. of India has introduced many bills and laws for execution of rainwater harvesting and ground water recharge facilities. As per these laws it is mandatory for new buildings to have water harvesting systems on plots of 100 sq.m and above.

Rooftop rainwater harvesting is the technique through which rain water is captured from the roof catchment and stored in reservoirs. Harvested rainwater can be stored in sub-surface ground water reservoir by adopting artificial recharge technology to meet the household needs through storage tanks.

1. Reduced Water bills

Rainwater harvesting systems are cost effective, provide high quality water, lessens dependence on ground water storage structures.

2. Ecological benefit

Storing water underground is environment friendly. The ecological benefits of rainwater harvesting are immense. It minimizes the impacts of flooding by funneling the off water into large tanks for recycling and helps reduce the load placed upon drainage systems.

3. Reduces erosion and flooding around buildings

It reduces soil erosion and flood hazards

4. An adequate means for irrigation purpose

Harvesting rainwater allows the collection of large amounts of water and mitigates the effects of drought. Most rooftops provide the necessary platform for collecting water. Rainwater is mostly free from harmful chemicals, which makes it suitable for irrigation purposes.

5. Reduces demand on Ground water

Another vital benefit is that it increases the productivity of aquifer resulting in the rise of groundwater levels and reduces the need for potable water. It is extremely essential, particularly in areas with low water levels.





Some things are best left to experts : The Roof Squad

With the Roof Squad, you are guaranteed quality craftsmanship and top notch customer service. The Roof Squad team is a group of skilled and highly trained professionals who care deeply about the quality of their work and people they work for.

ROOF SQUAD SERVICES VS UNSKILLED FABRICATORS

Minimum wastage, reduced costs



Installation by trained professionals ensures minimum wastage, reduced costs and enhanced aesthetics.



Untrained fabricators lack the skill to monitor wastage or costs.

Projects completed in time



Roof Squad team values customers time and completes projects within a stipulated time frame.



Unskilled workers do not maintain time schedule and delay completion of projects.

Strict adherence to safety norms



A strict adherence to safety norms is followed by Roof squad team members.



Unskilled workers follow hazardous practices at work and put themselves and others in danger.

On site measurement



On site measurement to reduce wastage of your roofing sheets.



No on-site measurement

ROOF SQUAD SERVICES VS UNSKILLED FABRICATORS

Quality accessories



Roof Squad team uses premium quality EPDM washers to prevent leakage and seepage and Xylan screws to prevent rusting of purlins and roofing sheets.

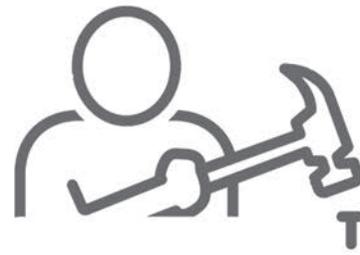


Unskilled workers use ordinary accessories which cause damage to roofing sheets.

An expert supervision



Site supervision by senior executives ensures good workmanship.



Work done by unskilled workers exhibit poor workmanship due to lack of supervision.

Warranty



You will get one year's warranty on leakage and seepage.



No warranty on leakage and seepage.



Customer Speak



The superior quality, competitive pricing and wide range of colours account for DynaRoof being a formidable brand in its category.

M/s Aavoran, Guwahati



We used DynaRoof roofing sheets for the Imphal Airport project. We are impressed by the product quality, its durability and aesthetic appeal

Laishram Rishikant Singh, Government Registered Contractor



Our experience was extremely satisfactory. The DynaRoof team is very professional and their product quality is excellent. We wish them success in all their future endeavours.

Ch. Ashok Meetei MD Meetei Construction Pvt. Ltd



We changed the roof of our home after 27 years. We did a check in the marketplace and DynaRoof received excellent reviews. We decided to go with them. They executed the job to our utmost satisfaction. Thank you Dyna Roof for making my house look beautiful again.

Mrs. Barnali Sarma, Geetanagar, Zoo Rd. Guwahati



We totally rely on and have complete trust in the Roof Squad team. They always complete projects in the stipulated time. Their commitment and coordination is commendable.

K R Nath, N K Power & Infrastructure Pvt. Ltd



I was looking for a reliable party for replacement of CGI sheets in an old house of ours. It was sheer coincidence that Roof Squad- the technical services team of DynaRoof contacted me. We placed an order for Hi Rib Eaves End profile 0.45 mm TCT along with its installation. They did a tremendous job I consider Dyna Roof a Revolution in Roof Management.

Er. Jojneswar Gogoi, Rukminigaon. Guwahati



For the first time we installed Dyna TBS Trussless roofing in our factory at Rani Tea Estate, Guwahati. The requirement was of 1803 sq mtr and I was impressed by its features - 100% leakproof, quick installation, aesthetic appeal and cost effectiveness. We congratulate Dyna TBS for introducing this new roofing technology.

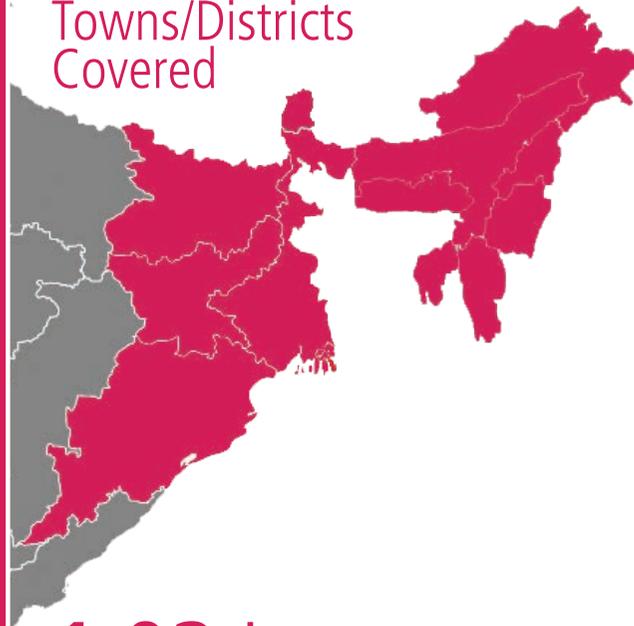
Director MKB (Asia) Pvt. Ltd.



3.22 Lac+
Roofs Covered



400+
Towns/Districts
Covered



500+
Dealers & Distributors



1.02 Lac+
Roof Squad Services



DYNAROOFF PVT. LTD.

OUR MANUFACTURING FACILITIES
ASSAM | MEGHALAYA | WEST BENGAL

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