



GUTDACH ASA uPVC TILE

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N88E
PVT. LTD.



BUILD Pvt. Ltd.



INTRODUCTION

N88E Build Pvt. Ltd. is a forward-thinking roofing solutions company redefining how India, especially the Northeast, experiences roofing. With decades of combined expertise in advanced polymer technology and climate-adaptive design, HaritaBuild has developed Gutzdach, a new-generation ASA-coated uPVC roofing tile engineered specifically for the unique weather conditions of the Northeast. From heavy monsoon rainfall to high humidity and scorching summers, Gutzdach is purpose-built to withstand it all delivering durability, comfort, and long-term value.

Product Overview – Gutzdach ASA-Coated uPVC Tiles

Gutzdach represents the next evolution in roofing materials. Made from unplasticized polyvinyl chloride (uPVC) and Acrylonitrile Styrene Acrylate (ASA), these tiles combine strength, weather resistance, and long-lasting beauty. Unlike conventional GI or fiber cement sheets that corrode, fade, or require repainting every few years, Gutzdach tiles offer:

- Anti-corrosion & UV resistance – ideal for coastal, hilly, and industrial climates
- Thermal insulation – keeps interiors cooler by up to 5–7 °C
- High impact strength – resists storm damage and heavy rainfall
- Noise reduction – minimizes sound during rain and hail
- Lightweight & easy installation – reduces structural load and overall installation cost
- Zero maintenance – the ASA layer prevents color fading, eliminating the need for repainting or surface upkeep
- 30+ year lifespan – engineered for exceptional durability, offering more than triple the service life of conventional GI or fiber cement roofing

These qualities make Gutzdach the preferred choice for homes, resorts, factories, and community projects across Northeast India – where roofing faces the toughest natural conditions.

MANUFACTURING & QUALITY EXCELLENCE

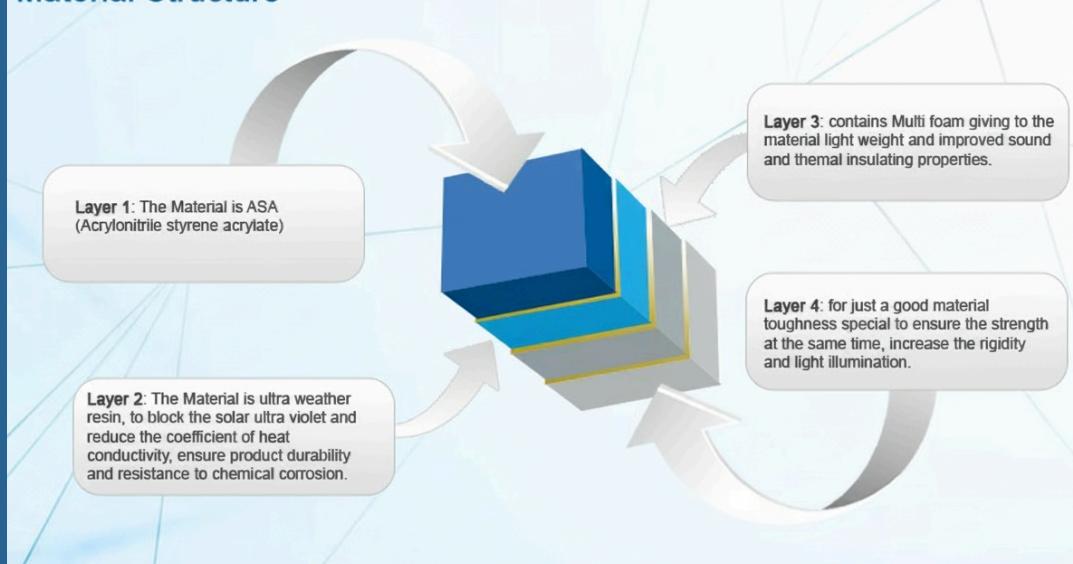
At N88E Build, every Gutzdach tile is crafted through precision extrusion and ASA-coating technology under strict quality control. Our production lines integrate advanced automation to ensure consistency, strength, and dimensional accuracy. Each batch undergoes rigorous testing for UV stability, tensile strength, and thermal endurance, ensuring the product meets the highest global standards of performance and safety.

Commitment & Values

HaritaBuild stands for Quality, Innovation, and Trust. We believe roofing is more than just covering a structure it's about protecting lives, reducing heat, and providing peace of mind. Our promise is simple: to deliver long-lasting, affordable, and environmentally conscious roofing that elevates the standard of living for the people of Northeast India and beyond.

With our strengths quality products, personalized service, competitive pricing, innovation, and social responsibility HaritaBuild continues to build trust one roof at a time.

Material Structure



DESIGNED FOR THE NORTHEAST

The Northeast faces heavy rainfall, high humidity, strong winds, and hilly terrain conditions where normal roofing fails. GUTDACHTM by N88E Build Pvt. Ltd. is engineered specifically for these challenges.

✓ Assam

Cooler interiors, no rusting in humid plains.

✓ Meghalaya

2000x quieter during heavy rainfall; 100% leak-proof.

✓ Nagaland & Manipur

Strong wind resistance; perfect for hill homes and slopes.

✓ Mizoram

Lightweight for stilt houses; easy to transport in remote areas.

✓ Tripura

No corrosion in high-moisture climates; long-lasting colour.

✓ Arunachal & Sikkim

UV-resistant, durable in cold, hot, rain cycles.



**MADE FOR OUR LAND.
MADE FOR OUR WEATHER.
MADE FOR THE NORTHEAST.**



PRODUCT FEATURES

- Pressure Resistant:** Built to handle extreme conditions no damage even under 150 kg of evenly distributed load (at 750 mm support span for 3 mm thickness).
- Lightweight:** Weighs only 3.6 kg/m² (2 mm), reducing the load on the roof framework.
Easy to lift and install, helping save time and reduce overall construction costs.
- Cost-Effective & Safe:** Delivers installation savings of up to 70% with only 8% overlap waste and 95% material efficiency.
Completely non-carcinogenic and safe for long-term use.
- Eco-Friendly & Energy Efficient:** Manufactured from recyclable, sustainable materials, GUTDACH tiles contribute to energy conservation and environmental protection a modern solution for a greener future.
- Waterproof Design:** Non-porous, compact surface prevents water absorption and leakage. Large single-sheet profiles and tightly sealed joints ensure 100% water resistance even in heavy rainfall.
- Heat & Sound Insulation:** Thermal conductivity: 0.104 W/m·°C, offering 3x better insulation than clay tiles, 5x better than cement tiles, and 2000x better than metal sheets. Excellent noise absorption against rain and wind.
- Corrosion Proof:** Resists corrosion from acid, alkali, and salt ideal for coastal, chemical, and humid regions. No deterioration or reaction even after long exposure.
- Fire Retardant:** Made from self-extinguishing uPVC resin, making GUTDACH tiles difficult to ignite and safer for residential and industrial environments.

PRODUCT RANGE

GUTDACH – ASA Tile Sheet

Thickness: 2.3 mm, 2.5 mm, 3.0 mm

Width: 1050 mm

Standard Lengths:

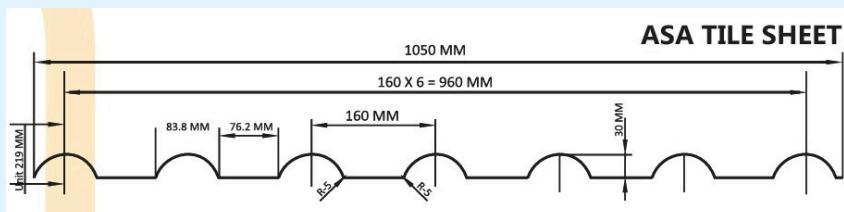
6 ft (5.73 ft), 8 ft (7.90 ft), 10 ft (10.07 ft), 12 ft (12.23 ft), 14 ft (14.37 ft), 16 ft (16.50 ft), 18 ft (17.94 ft), 20 ft (20.10 ft)

(Customizable up to 30.15 ft for bulk orders)

Available Colors: Terracotta Orange, Terracotta Red, Gray, Blue, Green, Brown

Description:

The GUTDACH ASA Tile Sheet brings the aesthetic charm of traditional clay tiles with the durability of modern ASA/uPVC technology. Ideal for residential, resort, and institutional projects, it provides UV protection, heat insulation, and long-lasting color retention without fading or corrosion.



ACCESSORIES



DESCRIPTION OF FIXER SET COMPONENTS

Self-Drilling Screws:

These screws are made from corrosion-resistant steel and are designed to drill directly through the roofing sheet and into the purlin without pre-drilling. They provide firm anchoring even in strong winds or heavy rainfall.

EPDM Rubber Washers:

Each screw is fitted with a high-quality EPDM (ethylene propylene diene monomer) rubber washer that ensures a watertight seal. The washer prevents water seepage through screw holes and absorbs minor vibrations, improving durability.

Protective Screw Caps:

The screws are covered with matching color-coded caps that snap tightly over the head, protecting the joint from UV rays, corrosion, and moisture. They also enhance the aesthetic finish of the roof.

Together, these components form the waterproof fixing accessory recommended for uPVC roofing installations, ensuring long-term performance and preventing leaks or rusting.



INSTALLATION GUIDELINES FOR GUTDACH ROOFING TILES

The fixing methods of GUTDACH roofing tile are very similar to those used for conventional roofing systems. Their lightweight design allows for faster installation, reduced labor hours, and greater construction efficiency.

While the primary role of roofing is to protect against harsh weather conditions, roofing materials also significantly influence the aesthetic appeal, overall cost, and durability of a structure. In roofing and cladding applications, factors such as rainfall intensity, wind speed, building height, and walking load during maintenance strongly affect the design of roof slope, supporting structures, and spacing between purlins. During installation, it is essential to use waterproof fixing accessories and ensure that all work is carried out by experienced roofing fabricators or trained professionals to achieve optimal results.

Recommended Specifications:

- Purlin Span:
- Roofing: 750 mm – 950 mm (for thicknesses of 3.0 mm, 3.5 mm, 4.0 mm)
- Cladding: 1000 mm (for thicknesses of 2.0 mm, 2.5 mm)
- Minimum Roof Slope: 12°
- Screws per m²: Minimum 5 nos.

Note:

- The base raw material color of GUTDACH is white. Other colors are derived from pigmentation, which may experience gradual fading over time due to environmental exposure.
- All information provided above is for general reference only. N88E BUILD assumes no responsibility for any loss, damage, or misunderstanding arising from the use of these instructions. The company reserves the right to modify specifications or product details at any time without prior notice.

BRANDS THAT TRUST US

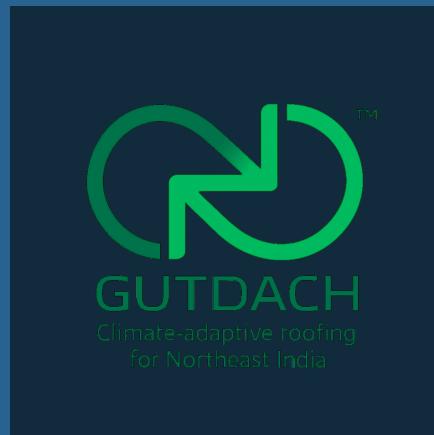


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Feature	Gutdach ASA-Coated uPVC Tiles	Color-Coated GI Sheets	PART A PARTICULARS OF SAMPLE SUBMITTED
Durability	Lasts 30+ years; no rust or color fading.	8–12 years; rusts and fades.	a) Name of Sample (as stated by party) : Sheet
Corrosion Resistance	Completely rust-proof; ideal in coastal/chemical zones.	Rusts quickly in coastal/humid areas.	b) Grade / variety / type / size / class : NA
Heat Insulation	Keeps interiors up to 3x cooler; low heat conductivity.	Heats up quickly; poor insulation.	c) Declared value, if any : NA
Sound Insulation	Reduces rain and wind noise.	Amplifies rain noise.	d) Code No. : NA
Weight	Lightweight (3.6–5.3 kg/m ²); reduces frame load.	Heavier (6–10 kg/m ²); adds load.	e) Batch No. and Date of Manufacture : NA
Aesthetics	Modern matte/glossy finish; color stays.	Paint peels and fades.	f) Quantity : 01 Nos
Maintenance	Zero upkeep; no repainting or anti-rust.	Needs repainting and rust care.	g) Mode of Packing : Packed in bag
Fire Safety	Self-extinguishing, flame-retardant.	Conducts heat; coating may burn/peel.	h) Date of Receipt : 02.05.2024
Eco-Friendly	100% recyclable; non-toxic.	Not recyclable; chemical paints.	i) Date of Starting : 22.07.2024
Affordability	Lower lifetime cost; no maintenance.	Cheaper upfront; costly upkeep.	j) Date of Completion : 29.07.2024
Installation	Quick with EPDM-sealed self-drilling screws.	More labor; leak risk at joints.	k) Sealed or not : NA
Aesthetic Value	Modern, premium look.	Basic industrial look.	l) Any other information : NA
Best For	Homes, shops, coastal & rainy zones.	Temporary or factory sheds.	Test result

Sample	Test Property	Unit	Test method	Test value
Sample as above	Thermal resistance	---	At 70°C/12 hrs	No effect
	Chemical resistance	---	ASTM D 543	
	a) in dil. HCL			No effect
	b) in dil.NaOH			No effect
	c) in saturated CaCl ₂			No effect

SUMMARY: GUTDACH TILES ARE DURABLE, COOLER, QUIETER, CORROSION-PROOF, AND MAINTENANCE-FREE – IDEAL FOR NORTHEAST INDIA'S CLIMATE.



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