



UMIYA RECYCLE SHEET LLP



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EcoUmiya Sheets

RECYCLED & RELIABLE



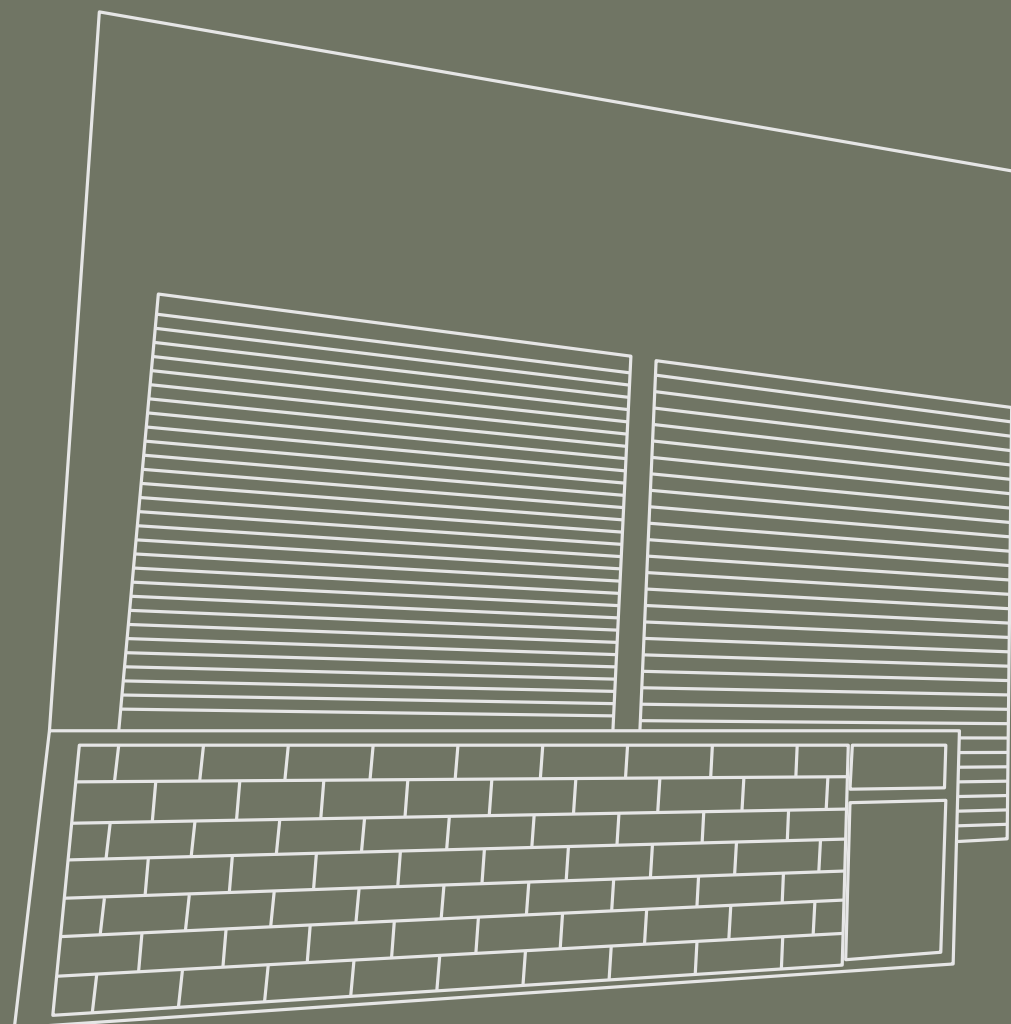
www.umiyarecyclesheet.com

About Us

BUILDING A GREENER TOMORROW

Established in 2022 in Morbi, Gujarat, UMIYA RECYCLE SHEET LLP is a trusted name in the manufacturing and exporting of Plastic Solid Sheets and Recycled Plastic Sheets. Guided by a commitment to sustainability, we aim to offer environmentally friendly alternatives to conventional materials, prioritizing the minimal use of natural resources. Umiya sheets represents the next-generation solution to eco-conscious construction.

#GreenFuture



Why Us

YOUR TRUSTED PARTNER

At UMIYA RECYCLE SHEET LLP, we aim to redefine sustainability in the plastic sheet industry. Our promise extends beyond quality products—we provide reliable after-sales service and support to all our customers, ensuring satisfaction at every step. Backed by strict quality control systems and ISO 9001:2015 compliance, our products meet international standards of excellence, resonating with clients across India and around the globe.



FROM WASTE TO STRONG SHEETS

The Perfect Blend of Innovation.

At UMIYA RECYCLE SHEET LLP, we proudly present EcoUmiya Sheets—a cutting-edge solution that combines durability, sustainability, and performance. Made from Single Type of recycled plastic, our sheets are designed to replace conventional materials with an eco-friendly alternative that doesn't compromise on quality or strength.



KEY FEATURES



SPECIFICATION

THICKNESS:

8, 12, 18, 20, 25, 30*, 40*

SIZES:

8'x4' feet
(Custom Size)

COLOUR :

Random (Customized)

BENEFITS

- Long Life And Cost Effective
- Suitable For Wide Application
- Weather Resistant
- Buyback upto 30%
- 100% Waterproof
- High Strength
- Fire Resistant
- 3 Years Guarantee



PACKAGING AND STORAGE

- Sheets are packed on pallets or loose in lots according to the dimensions of the sheets.
- Plastic sheets should be stored in a sheltered area to shield them from the elements.
- Evenly stack and support the sheets to prevent bending or warping underweight.
- Encourage recycling initiatives for eco-friendly disposal of used sheets.

ENVIRONMENTAL IMPACT

- Reduces the carbon footprint when compared to virgin plastic sheets.
- Can be recycled after reaching the end of its lifespan, further minimizing its environmental impact.
- Promotes a circular economy by repurposing plastics.

PRECAUTION GUIDE

- General precaution is taken according to the applications.

APPLICATIONS

Durable Solutions for Every Industry.

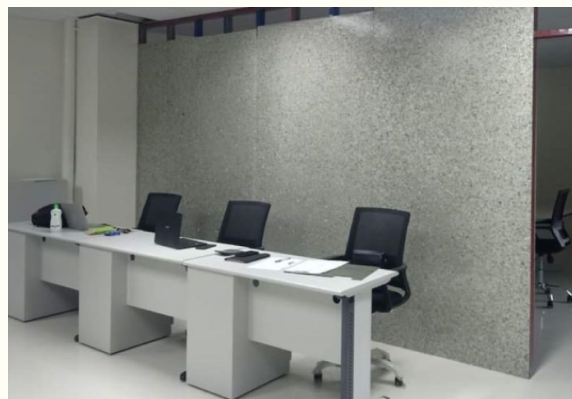
EcoUmiya Sheets are designed to meet the demands of various industries, offering a sustainable and durable solution for a wide range of applications. Whether you're looking to enhance the strength and longevity of your construction projects or seeking an eco-friendly material for industrial use, EcoUmiya Sheets provide the ideal solution.



Pavers, Brick & Block Pallet



Shuttering Plastic Sheet



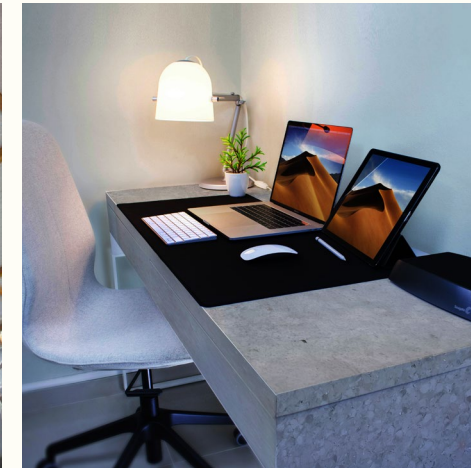
Outside & Inside Furniture



Storage Platform



Roof Sheets



Office Desk



Dustbin



Recycle Pots



Inside Partition



Toilets



Outside Partition



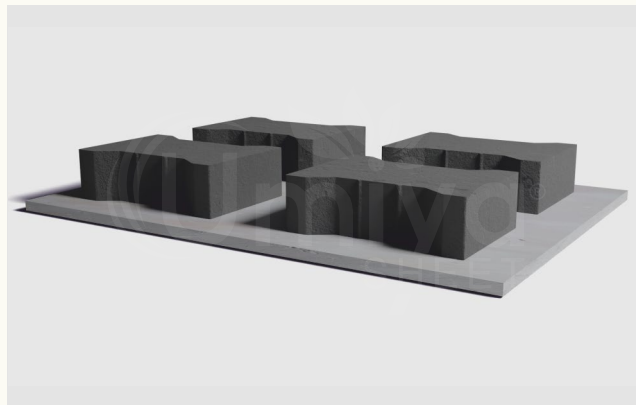
Urinal Partitions



Recycle Chair

1. Pavers, Brick & Block Pallet

EcoUmiya sheets provide a reliable and long-lasting solution for manufacturing pavers, bricks, and block pallets. Engineered to endure heavy-duty handling, these sheets help maintain the integrity of materials by offering consistent support and resistance to moisture and impact. Their durability and waterproof properties contribute to efficient stacking and handling, making them a practical choice for the construction and landscaping industries.



THICKNESS

8mm, 12mm

SIZES (mm)

2440x1220, 1220x1220,
1220x610, 610x610

(Customize Size)

THICKNESS

12mm, 18mm, 20mm, 25mm,
30mm*, 40mm*

SIZES

24x24in, 24x28in, 24x32in, 24x34in,
24x36in, 650x850mm, 900x700mm,
900x550mm, 1000x750mm

(Customize Size)



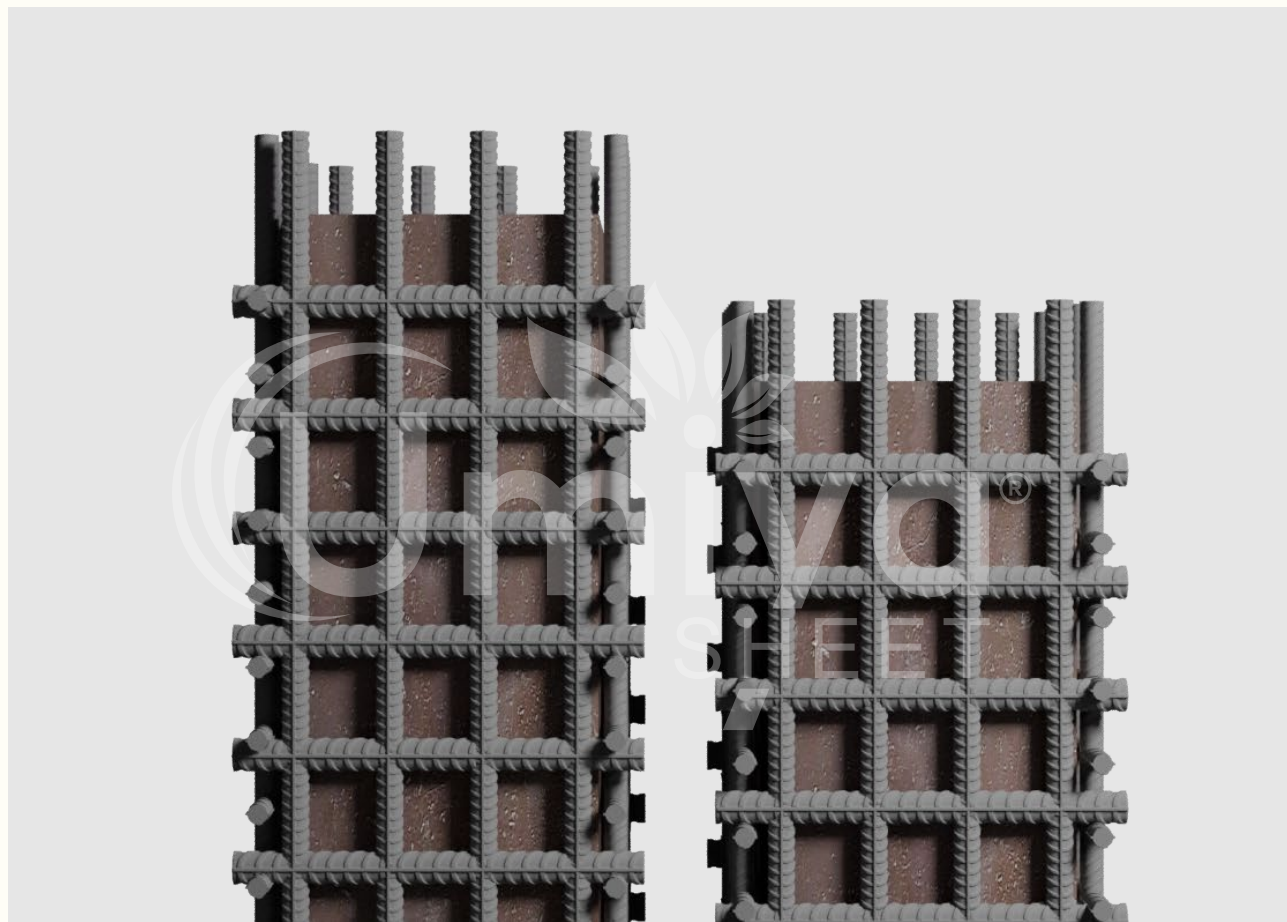
BENEFITS

- High Strength & Density For Heavy Load
- Good Finish
- Waterproof
- Compatible for most Machines
- Long Lasting Than Other Pallets
- Evenly Thick Edges
- Buy Back
- UV Resistant Than Other Pallets



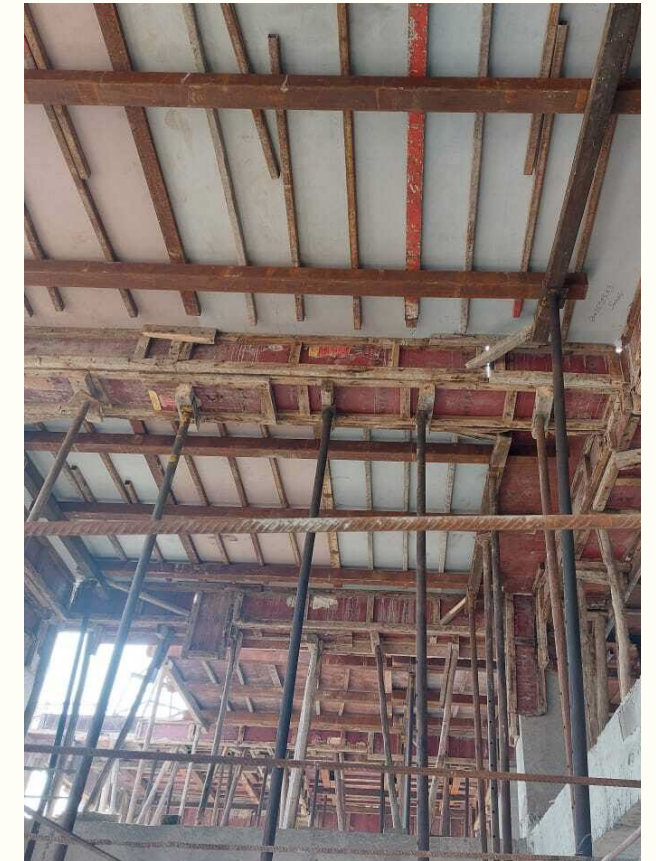
2.Shuttering Plastic Sheet

For construction formwork, EcoUmiya Sheets provide strength and weather resistance. These plastic sheets, doesn't stick with cement, maintain the integrity of the shuttering, and are easy to clean for a smooth and durable finish. They ensure long-lasting results and reduce maintenance costs, making them the perfect choice for reliable and eco-friendly shuttering solutions.



BENEFITS

- 100% Water Proof, UV Resistant
- High Strength
- Long Lasting
- Easy Screwing & Nailing
- 25+ True Repetation
- Smooth Finish
- Buy Back
- Fire Resistant



3. Outside & Inside Furniture

EcoUmiya Sheets are designed to elevate both indoor and outdoor furniture with their weather-resistant properties and UV stability. Ideal for patios, gardens, and interior spaces, these sheets offer durability, style, and low maintenance, all while contributing to a sustainable, greener future. Whether you need sleek indoor pieces or durable outdoor furniture, EcoUmiya provides the perfect balance of functionality and design.



BENCHE'S



WALL PANELLING

KEY FEATURES

- Versatility
- Durability
- UV Stability
- Eco-Friendly
- Aesthetic Appeal
- Weather Resistance
- Low Maintenance

Transforming Recycled Plastics into
Strong, Durable, And Eco-friendly Sheets
for a Better Tomorrow.



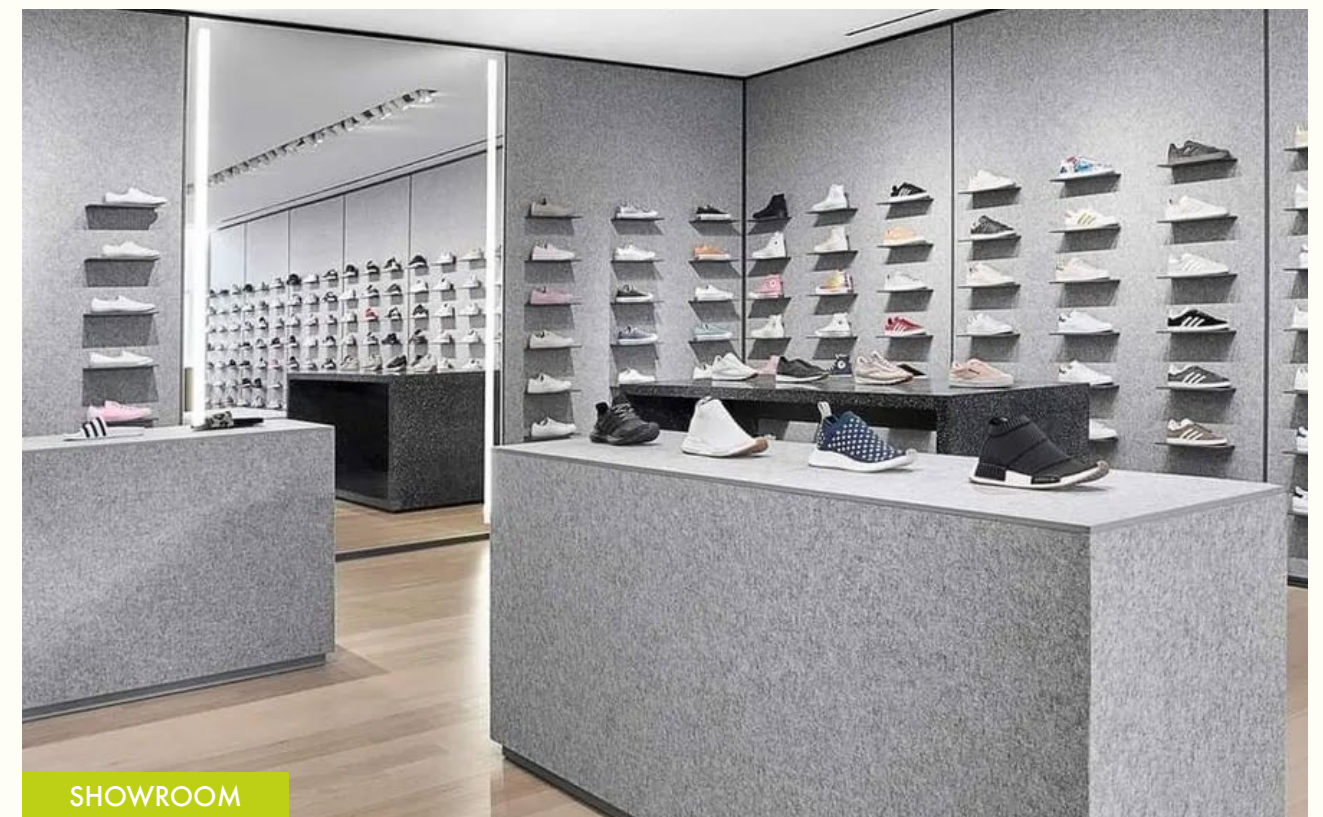
HOUSE



RECYCLE TABLE



INDUSTRIAL WINDOW



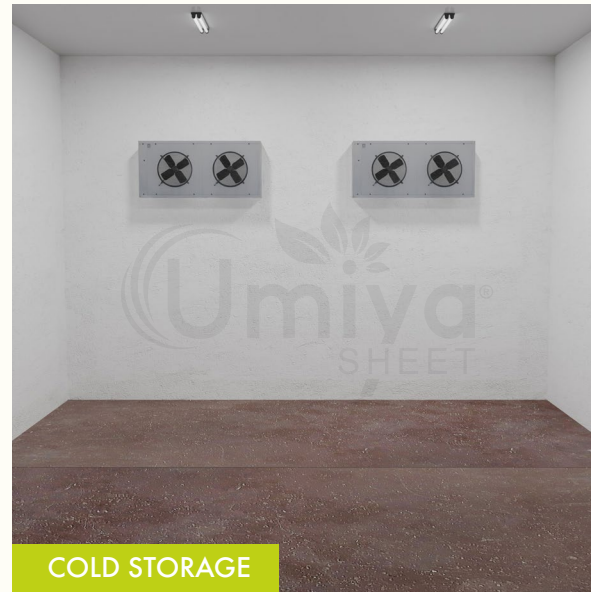
SHOWROOM

4. Storage Platform

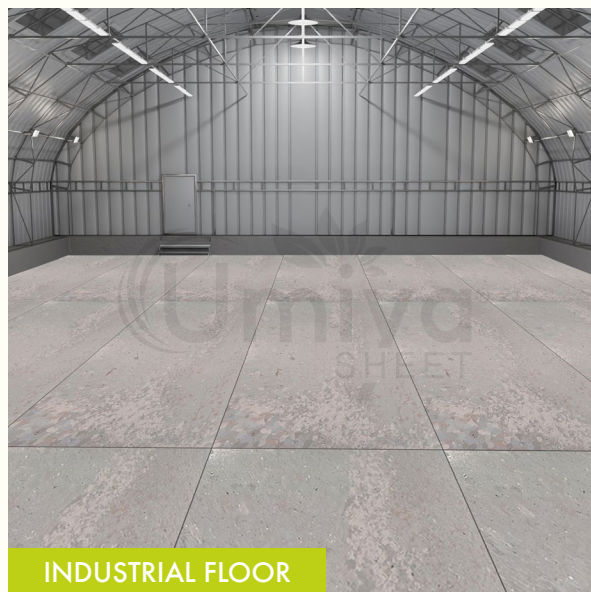
For storage platforms in warehouses, factories, or retail spaces, EcoUmiya Sheets deliver unmatched durability and chemical resistance. These sheets provide a reliable, strong surface to support heavy items, ensuring your storage solutions are both efficient and long-lasting. They are also ideal for chemical industrial floor applications, offering superior resistance to harsh substances while maintaining structural integrity. With EcoUmiya Sheets, you get an eco-friendly solution that stands up to the rigors of daily use while maintaining top performance.



TROLLEY RACK



COLD STORAGE



INDUSTRIAL FLOOR



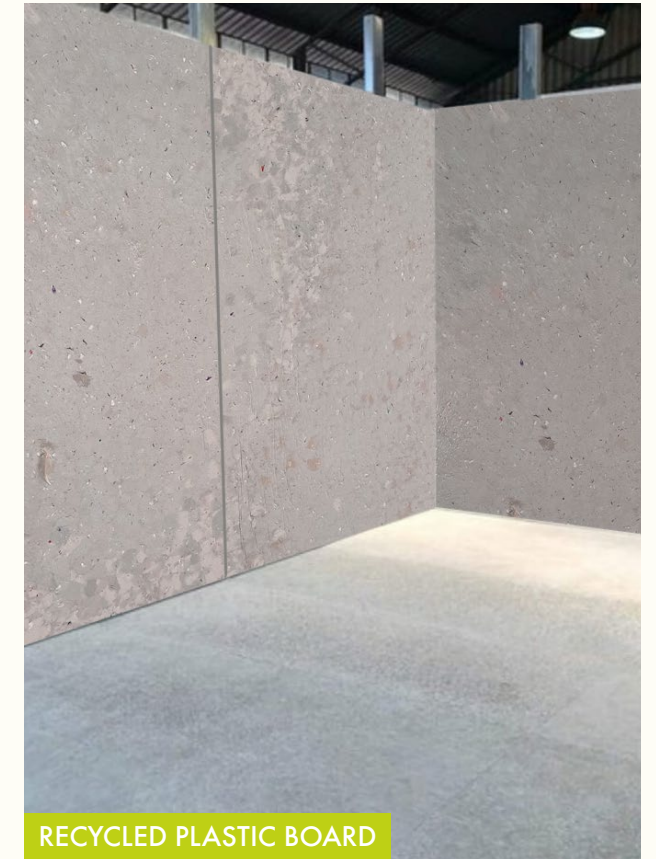
SHELVES



TRANSPORT VEHICLE BODY



SHED FLOORING



RECYCLED PLASTIC BOARD



BRICK PALLET SHEETS

TECHNICAL DATA

TEST ITEM OR PROPERTY	TECHNICAL SPECIFICATION (UNIT)	TESTING METHOD/STANDARD (IF ANY)
Density	1.12 – 1.70 g/cm ³	Mass/Volume method
Tensile Strength	12 – 15 Mpa	UTM
Hardness (Shore D)	67 – 71	ASTM D2240
Elongation	Varies	UTM
Flexural Strength	22 – 25 Mpa	ASTM D790
Impact Resistance	Excellent	-
Heating (100°C)	No Change in Dimension	100°C for 24 hrs (Dry Heat Test)
Water Absorption	0 – 0.01%	ISO 62:2008, Method 1
Screw Holding Strength	134 Kg	-
Nail Holding Strength	12.67 Kg	-
Drilling	Easy – Moderate	-

INSTALLATION GUIDELINES

- Ensure proper support for the sheets in construction and other application.
- Use screws for fixing sheets for wooden structures and rivets for steel structures.
- Calculate proper load and Ensure stacker position for brick/block pallets.
- Handle sheets carefully and store them flat, away from direct sunlight, before installation.
- Leave slight gaps between sheets for expansion and apply weatherproof sealant to Joints.

OTHER SHEET/PALLET V/S UMIYA SHEET/PALLET

TRADITIONAL PALLET



Ply & Wood

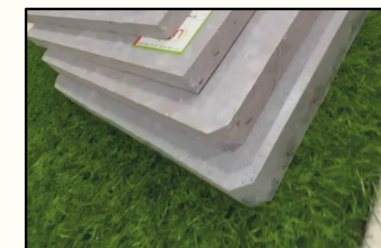
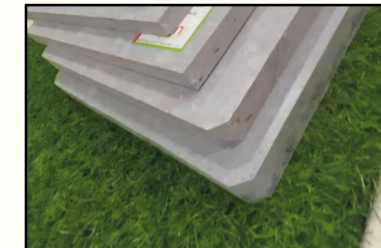


Metal Sheet



Plastic Sheets like
PP, HPPE, PC, etc..

UMIYA PALLET



ADVANTAGES

- 100% Water Proof
- Termite proof
- Long life
- Fire resistant
- Buyback

- Rust Proof
- Cost Effective
- Light Weight
- Chemical Resistant

- Cost Effective
- High Strength
- Impact Resistant
- Flexibility

When it comes to pallets for handling heavy materials, the choice between traditional and modern options like the EcoUmiya Pallet can make a significant difference in terms of durability, sustainability, and the cost-effectiveness.

EcoUmiya Sheets offer a durable, eco-friendly solution designed for long-term performance while minimizing environmental impact. With advanced technology and high-quality recycled materials, these sheets provide superior strength, longevity, and resistance to wear, making them a sustainable alternative to traditional materials.