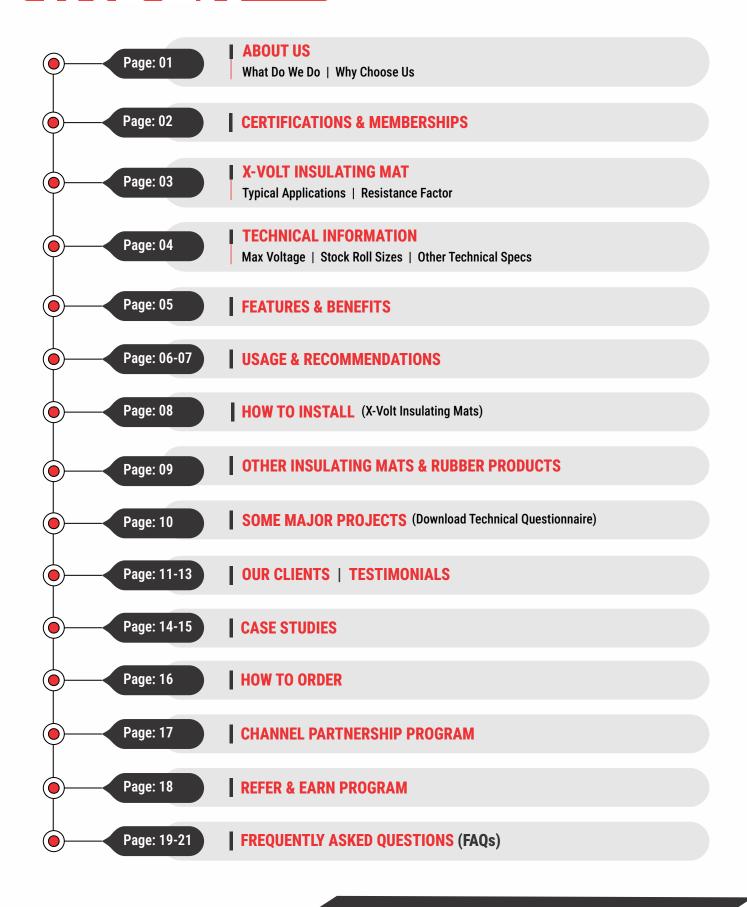


INDEX



ABOUT DURATUF

EXPERIENCE THE EASE OF ORDERING

14+ Years of Business

3655+ Happy Customers

52+ Countries Exported

□ 10565+ Successful Projects



Led by our visionary Founder & CEO Mr. Aayush Kejriwal with 17+ years of experience in the rubber industry.

WHAT DO WE DO DIFFERENTLY?











WHY CHOOSE US?



Quick Response Within 60 Mins



Consultancy Services By The Industry Experts



Global Presence Ensuring Speedy Delivery



Focused On Boosting Your ROI

N-VOLT (IS 15652:2006) INSULATING MAIN



Certifications & Memberships --





















DURATUF®

X-VOLT (IS 15652:2006) INSULATING MATS

yards etc)

TYPICAL APPLICATIONS

- **Electrical Substations** (Substation Control Rooms, Switchyards etc)
- **Power Plants** (Generator and Turbine Areas, Transformer Yards etc)
- **High Voltage Rooms** (Testing Labs, Switchgear Room, Control Rooms etc)
- **Switchgear Rooms** (Distribution Boards, Circuit Breaker Panels etc)
- Control Panels (Electrical Cabinets, Variable Frequency Drives (VFD) Cabinets etc)
- **Data Centers** (UPS Rooms, Telecommunication Rooms, Generator Rooms etc)
- **Battery Rooms** (Battery Storage Racks, Battery Charging Stations etc)
- Transformer Stations (Cable Trenches, Busbar Areas, Switching Areas etc)
- **Electrical Laboratories** (Circuit Testing Zones, Equipment Testing Zones etc)
- Railway Electrification Systems (Signal Equipment Rooms, Overhead Equipment (OHE) Maintenance Depots etc)

RESISTANCE FACTOR



TECHNICAL INFORMATION

MAXIMUM VOLTAGE

Product Code	Class	Max Use Voltage	AC Proof Voltage	Di-electric Voltage	Standard Thickness
IM-XV-CA	A	3.3 kV	10 kV	30 kV	2 mm
IM-XV-CB	В	11 kV	22 kV	45 kV	2.5 mm
IM-XV-CC	С	33 kV	36 kV	65 kV	3 mm

STOCK ROLL SIZES

Product Code	Class	Colour	Stnd.	Stnd. Width	Thickness	Approx. Weight/Roll
IM-XV-CA-BLADOT-2MM	A				2.0 mm	35 kgs
IM-XV-CB-BLADOT-2.5MM	В	Black			2.5 mm	42 kgs
IM-XV-CC-BLADOT-3MM	С		10 mtr	1 mtr	3.0 mm	49 kgs
IM-XV-CA-BLUDOT-2MM	A				2.0 mm	35 kgs
IM-XV-CB-BLUDOT-2.5MM	В	Blue			2.5 mm	42 kgs
IM-XV-CC-BLUDOT-3MM	С				3.0 mm	49 kgs

- * Also available in 1 m width x 2 m long cut sizes in ready stock | Anti-Skid Design : Top Dotted & Bottom Textured
- * Tolerance of $\pm 10\%$ on thickness, ± 15 mm on width & length up to 600 mm and ± 20 mm for higher.

CUSTOMIZE YOUR MAT

I		
Customisation	Options	
Width	Max width upto 1500 mm	
Length	Max length upto 50 m	
Color	Red, Grey, Green, Yellow or any other colour subject to techno-commercial feasibility	

TECHNICAL SPECIFICATIONS

Characteristics	Values		
Material Composition	Elastomer free from any insertion		
Tensile Strength (Min)	15 N/mm²		
Elongation At Break (Min)	250%		
Leakage Current (Max)	10 mA		
Insulation Resistance With Water When Tested At 5000 V (min)	1,00,000 MΩ (min)		
Flame Retardance	Extinguishes Within 5 Secs (max)		
Aging Properties At 70 ±1°C For 168 Hours	T.S & E.B Not Less Than 75% Of Original Value		
Acid, Alkali & Oil Resistance	T.S & E.B Not Less Than 80% Of Original Value		
Working Temperature	-10°C To 55°C		

Cut length, custom shapes and colors are available upon request.





DURATUF INSULATING MAT: FEATURES & BENEFITS

Features Of X-Volt 15652 Insulating Mat	Duratuf Insulating Mats	Other Companies
Quality	Tested In Accredited And Internationally Recognized Labs	Often Tested In Local Labs With Less Or No Recognition
✓ Grip	Anti-slip Surface That Prevents Slip, Trips And Falls	Slip-prone Surface Below
Material	Premium Elastomer, Sourced Responsibly	Cheap Economic Rubber/Materials To Cut Down Overall Insulating Mat Manufacturing Costs
✓ Visual Outlook	Bright, Vibrant Colors Adding To The Aesthetic Appeal	Dull Colors Of Electrical Rubber Mats Diminishing The Overall Look Of The Area
Authenticity	Marking On Every Meter With Product Name	Unclear Or Fewer Marking, Not Complying With The IS 15652 Guidelines
✓ Test Certificates	Provided With Every Supply	Most Often Has To Be Repeatedly Requested & Many Times Not Provided Properly
Ready Stock	10,000 Sq m Ready Stock Of Insulating Mats Across 6 Warehouses In Different Regions Of India And 1 In UAE	Nil To Low Stock Availability
Cost	Competitive Cost Despite Having A High-end Quality	Low-cost Due To The Economic Rubber Used
✓ Brand Reputation	Highly Satisfied & Loyal Clientele Base with History of Repeat Orders	Less Customer Satisfaction Score
Response Time	Duratuf Experts Respond Within 60 Minutes	Nothing Fixed, May Take Up To 48 Hours or Longer
	•	•

USAGE & RECOMMENDATIONS





HOW TO STORE?

The Duratuf X-Volt electrical mat is easy to store. Keep Duratuf X-Volt electrical mats in a clean & dry environment, ensuring they are away from sharp objects. Choose to either roll or lay them flat, avoiding folds, and store them in a cool, well-ventilated area, shielded from direct sunlight, steam pipes, radiator, ozone generating substances & any source of strong artificial light.



HOW TO TRANSPORT?

When transporting insulating mats, lay them flat or roll them to prevent creases. Ensure they are in a clean, dry vehicle, secured to prevent movement. Avoid contact with sharp objects to maintain their integrity.





HOW TO INSPECT BEFORE USE?

Performing a visual check before using electrical insulating mats is crucial for identifying potential issues. Here's a brief guide:



Cuts and Tears: Inspect the entire surface for cuts, tears, or abrasions that could compromise the mat's integrity.



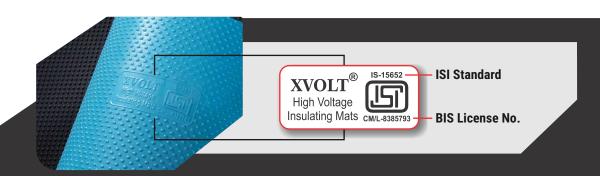
Surface Condition: Ensure the mat's surface is smooth and free from any irregularities that might affect its performance.



Cleanliness: Check for cleanliness, removing any debris, oil, or contaminants that may have accumulated on the surface.



Edges and Corners: Examine the edges and corners for signs of wear or damage, as these areas are prone to stress.





WHAT ARE THE PRECAUTIONS NEEDED DURING USE?

When using electrical insulating mats, several precautions should be observed to ensure safety. Here are key precautions:





Regular Inspection:

Conduct regular visual inspections for any signs of damage or wear. Remove damaged mats from service immediately.



Correct Voltage Class:

Use mats with the appropriate voltage class suitable for the specific electrical environment.



Proper Placement:

Ensure mats cover the entire work area and are correctly positioned to provide effective insulation.



Secure Placement:

Use adhesives or tapes, if necessary, to secure mats in place and prevent movement.



No Overlapping:

Avoid overlapping seams of adjacent mats, as this could create trip hazards and reduce effectiveness.



Clean Surface:

Keep the mat surface clean from debris, oil, or other contaminants that might compromise insulation.



Avoid Sharp Objects:

Prevent contact with sharp objects or tools that could puncture or damage the mat.



No Folding:

Do not fold mats during use, as this can lead to creases that may impact their insulating properties.



Personal Protective Equipment (PPE):

Use appropriate PPE, such as insulating gloves and footwear, in conjunction with insulating mats for comprehensive protection.



Follow Manufacturer's Guidelines:

Adhere to the manufacturer's instructions and guidelines for proper use, cleaning, and maintenance.



Training:

Ensure that personnel are trained on the correct usage of insulating mats and are aware of safety procedures.

LETRICH, PURPOSE (SEE OF 1860). CIVIL SPREYS, CLASS STROY S. MILLS

INSULATING MAT FOR ELECTRICAL PURPOSE

IS:15652. CM/L 8385793, CLASS B.

THICK 2.5MM. LOT NO XXXX. CTGY III, MFG DT XX/XX/XXXX

Note: The data may change as per the specification, the mentioned data is for illustration purpose only

HOW TO INSTALL

Installing the X-Volt electrical mat is easy, you need to follow the following steps:

CLEAN SURFACE

Ensure the installation area is clean and free from debris.





POSITION MATS

Place the electrical mats in the desired locations, ensuring they cover the entire work area.

SECURE PLACEMENT

Use adhesives or double-sided tape, if necessary, to secure the mats in place.





ALIGN AND TAPE

Align multiple mats seamlessly, ensuring there is no gap between them.

Use a tape if needed.

OTHER INSULATING MATS



DURATUF * INSULATING MAT ASTM-D178-CLASS 0-TYPE II ABC MAX. USE VOLTAGE: 1000 V PROOF VOLTAGE: 5000 V WITHSTAND VOLTAGE: 10000 V

OTHER RUBBER PRODUCTS







SOME MAJOR PROJECTS



Tata Power Commissions 100 mW Solar Project In Maharashtra









Modernization of Orient Paper Mills, Shahdol District, Madhya Pradesh

And Many More...

Download & Fill The Technical Questionnaire

& help us with your Requirements!





OUR CLIENTS

Power









And Many More...

Iron & Steel









And Many More...

Information Technology









And Many More...

Electronics & Consumer Durable









And Many More...

OUR CLIENTS

Chemical









And Many More...

Automobile









And Many More...

Pharma & Hospitals









And Many More...

Construction & Contractors









And Many More...

And other industries as well...

OUR CLIENT TESTIMONIALS





Good quality Product. They provide proper support for any queries without any delays. They provide customization options in accordance with our requirement. Satisfied with their product, service and support.



Ajinkya Vartak



We have purchased insulating mats from Duratuf because of their high quality. Everything is flawless both before and after delivery. logistic Coordinator assists for transportation & excellent packing quality. Further, we appreciate that maximum material has been delivered before the committed time.



OM Industries



Myself NAVEEN KUMAR, Purchasing an insulating mats from duratuf,it was a great. Quality was too good, did not faced any issues till date, mats are totally safe. Mats are easy to use and install & ...

And many more...



CASE STUDIES



Case Study 01

Enhancing Electrical Safety at Vivarea Condominium with X-Volt Mats

Mumbai's Vivarea Condominium wasn't just embracing sustainability with a new group captive solar plant from Tata Power RE Ltd., they were prioritizing resident and staff safety. The integration of electrical equipment demanded a proactive approach.

The Challenge: Balancing Innovation with Protection

Vivarea needed robust electrical safety measures to mitigate the risk of shocks and accidents. Traditional solutions might not have fit the bill, especially considering potential exposure to oil and moisture in certain areas.

The Solution: X-Volt Mats - Engineered for Modern Needs

Duratuf's X-Volt Mats emerged as the perfect answer. These innovative mats offered:

- O Uncompromising Electrical Resistance: A reliable shield against electrical shocks, ensuring safety near electrical equipment and the solar plant.
- Double Defense: Resistant to both oil and moisture, making them ideal for diverse environments within the condominium.
- Flame Retardant: Minimized the risk of fire incidents by preventing the spread of flames in case of electrical faults, providing an extra layer of protection.
- **Aesthetics in Mind:** Customization options allowed for tailored dimensions and colors, ensuring the mats seamlessly integrated with Vivarea's modern design.
- Built to Last: The X-Volt Mats' durability promised long-lasting performance, reducing the need for frequent replacements and minimizing long-term costs.
- Safety Standards Met: Compliance with recognized safety standards instilled confidence in the reliability of the electrical safety measures.

The Outcome: A Win-Win for Safety and Style

The implementation of X-Volt Mats proved transformative for Vivarea Condominium:

- Enhanced Safety: Reduced shock risk created a secure environment for residents and maintenance personnel.
- Aesthetic Harmony: Customized mats blended into the surroundings, contributing to the overall visual appeal of the condominium.
- Long-Term Cost Savings: The durability of the mats minimized replacement needs, offering a financially sound solution.
- Compliance Assurance: Adherence to safety standards provided peace of mind, guaranteeing that the implemented measures met industry requirements.

Vivarea Condominium's story is a testament to how innovative solutions can elevate electrical safety in residential societies embracing cutting-edge energy initiatives. It demonstrates that advancements in technology don't have to come at the expense of resident and staff well-being.



Case Study 02

Case Study: Empowering Profitable Ventures - Suresh Babu Dashari's Success with Duratuf X-Volt Mats Reselling

Suresh Babu Dashari, a go-getter entrepreneur, has transformed his business in just three years, thanks to a winning partnership with Duratuf & their revolutionary X-Volt Insulating Mats. This case study explores how X-Volt Mats' unique features & Duratuf's unwavering support propelled Suresh's venture to remarkable success.

A Market Charged with Challenges

When Suresh first entered the electrical insulating mat market, competition was fierce, making it difficult to stand out. Finding truly differentiating products and securing a reliable supplier were constant hurdles.

The X-Volt Advantage: Powering Up Profits

Suresh's partnership with Duratuf brought a solution that ignited his business. X-Volt Mats offered a range of features that set him apart:

- O Unmatched Performance: X-Volt Mats boasted superior electrical resistance, durability, and customization options, exceeding customer expectations.
- Transparency & Support: Duratuf provided clear documentation, marketing support, and expert guidance, empowering Suresh to navigate the market and build customer relationships effectively.
- Inventory Flexibility: The buyback facility offered peace of mind, allowing Suresh to manage inventory efficiently and adapt to market trends.

Profitability on High Voltage

The results speak for themselves. Suresh's business experienced explosive growth:

- O High ROI: His return on investment skyrocketed 68% in year one, 96.7% in year two, and a consistent 107.5% in year three!
- Customer Loyalty: Customers raved about X-Volt Mats' durability and customizability, leading to repeat business and positive word-of-mouth.
- Market Leader: The unique features of X-Volt Mats enabled Suresh to carve out a distinct space in a competitive market.
- A Thriving Partnership: Duratuf's consistent supply, transparent communication, and unwavering support fostered a strong and mutually beneficial relationship.
- Marketing Boost: Duratuf's marketing support amplified brand awareness, attracting a wider audience.
- Agile Inventory Management: The buyback facility ensured Suresh could adapt to market needs with ease.
- **Empowering Growth:** Duratuf's quidance on market positioning, customer engagement, and overall business strategy proved invaluable.

Conclusion: A Bright Future

Suresh Babu Dashari's journey with X-Volt Mats underscores the power of a unique product offering, a reliable supplier, and a commitment to quality. It's a testament to the success that emerges when entrepreneurial spirit meets cutting-edge solutions. This case study illuminates the path for others seeking to spark a revolution in their own businesses.

Check His Video

Experience The EASE OF ORDERING

We Have Tailor-Made Approaches For Different Types Of Buyers-Duratuf Store for Low MOQs, Buying Through Channel Partners & Directly From Us In Case Of Bulk Orders.





Buy As Low As 1 Roll!!!

While Most Suppliers Have A Minimum Ordering Quantity (MOQ)
For Insulating Mats, You Can Buy Smaller Quantities
From the Duratuf Store!

Finding It Difficult To Order Online But Need Fast Delivery?

Require insulating mats in smaller quantities?
You can reach out to our locally based channel partners in your region.



Click Here To Get Details



Planning to Purchase in Bulk? Get a Special Discount Today!

Best Prices Guaranteed! If You Need Insulating Mats Above 300 Sq m, Enjoy The Benefits Of Our Customized Quotes And Place Your Order Directly With Us.

Click Now For Exclusive Bulk Discount

- ★ According to a Recent Survey, 72.2% of our customers have voted 'Ease of Ordering' as Our Biggest USP
- ★ Did you Know? Duratuf Store is the First Independent Insulating Mats Store in India

BECOME OUR CHANNEL PARTNERS & WITNESS HIGH GROWTH!

- Digital Marketing Support
- Premium Products
- Expert Training

- Sales Lead Support
- Low Inventory Investment
- High ROI

GROW YOUR BUSINESS!



JOIN OUR

CHANNEL PARTNERSHIP

PROGRAM TODAY!



REFER & EARN

Do you know someone in need of high-quality insulating mats for their industrial or commercial needs? Refer them to Duratuf, your trusted supplier of top-notch rubber products & earn rewards for each successful referral!

Whether you're an end-user looking for reliable insulation solutions or a reseller importing products for your clients, you can benefit from our referral program.

HERE'S HOW IT WORKS

Individual Referrals If you know someone directly in need of insulating mats, simply refer them to Duratuf. Once they make a purchase, you'll receive rewards as a token of appreciation for your referral.

Channel Partner Referrals Do you know an insulating mats reseller? You can also participate in our referral program by referring them as a channel partner potential to Duratuf. When your referred partner makes their first purchase, you will receive the reward.

At Duratuf, we value your trust and loyalty, and our referral program is our way of saying thank you for spreading the word about our high-quality products and exceptional service.

Don't miss out on this opportunity to earn rewards while helping others discover the benefits of Duratuf Insulating Mats. Refer today and start earning!

What is the Reward?





Refer Duratuf To As Many Of Your Contacts As You Want & Get 2% Of Each of Their First Purchase Value Directly Credited To Your Account.

CLICK HERE TO START EARNING TODAY

FREQUENTLY ASKED QUESTIONS

Decoding the IS 15652 Standard

1. What Is IS 15652, And How Does It Relate To Electrical Insulating Mats?

IS 15652 is an Indian Standard that outlines the specifications for electrical insulating mats. It ensures that these mats meet specific safety requirements, providing a standardized approach to protect individuals from electric shock in various industrial applications.

2. What Are The Tests That An Electrical Safety Mat Has To Pass To Get The IS 15652 Certification?

IS 15652 mandates rigorous quality tests for electrical insulating mats to ensure their safety & effectiveness. These tests include:

Electrical Resistance Test:

Purpose: Evaluate resistance to electric current.

Tensile Strength and Elongation Test:

Purpose: Assess mechanical strength and flexibility.

Flame Resistance Test:

Purpose: Check resistance to flame propagation.

Aging Test:

Purpose: Simulate long-term use and environmental effects.

Water Absorption Test:

Purpose: Determine water absorption characteristics.

Ozone Resistance Test:

Purpose: Evaluate resistance to ozone exposure.

Dimensional Stability Test:

Purpose: Verify maintenance of specified dimensions.

3. Who Issues The IS 15652 Certificate?

The certification for compliance with IS 15652 standards is typically issued by Bureau of Indian Standards (BIS) in India. These organizations, accredited by relevant accreditation bodies, conduct assessments and audits to verify that products, including electrical insulating mats, meet the specified requirements outlined in IS 15652.

4. Who Decides The Tests For IS 15652 Certificate?

The IS 15652 certification which ensures that the mats adhere to the safety and performance standards is set by the Bureau of Indian Standards (BIS) in India. Manufacturers can submit their products for evaluation, and upon successful compliance, the certification body issues the IS 15652 License.

X-Volt Specific

1. What Is An Electrical Mat?

An electrical mat, also known as an insulating or safety mat, is designed to provide electrical insulation, preventing electric shock in industrial settings. Made from materials like rubber or PVC, these mats have high electrical resistance. They come in different voltage classes, conform to safety standards, and often feature color-coding for easy identification. Placed in areas with electrical hazards, electrical mats create a barrier between individuals and the ground, ensuring a safe working environment.

2. Why Should I Use An Electrical Mat?

Using an electrical mat is essential for workplace safety as it prevents electric shock by providing insulation. The Duratuf X-Volt insulating mat adheres to safety standards, offer protection against various voltage levels, resist environmental factors, and can be customized to fit specific needs, contributing to a secure working environment.

3. What Are The Different Voltage Classes Defined By IS 15652 For Electrical Insulating Mats, & How Do I Select The Appropriate Class For My Application?

IS 15652 specifies voltage classes such as **Class A**, **Class B** & **Class C**. Choosing the right class depends on the voltage levels in your specific environment. Consult the standard or the product documentation to ensure compatibility.

4. Can I use an ASTM D178 or an IEC 61111 electrical rubber mat in India?

While both ASTM D178 and IEC 61111 electrical rubber mats offer insulation, for electrical safety purposes in India, it's recommended to use mats that comply with the Indian Standard: IS 15652:2006 - Electrical Insulating Mats.

Here's a breakdown:

- Indian Standard: IS 15652:2006 is the specific standard for electrical insulating mats in India. It's likely the standard that inspectors and safety regulations will reference.
- ASTM D178: This is an American standard, and while it might offer some level of electrical insulation, it may not be recognized or meet the specific requirements in India.
- **IEC 61111:** This is an international standard, and some IEC 61111 mats might be suitable for use in India. However, for guaranteed compliance, using mats certified under IS 15652:2006 is the safest option.

Generic Queries

1. What Is The Warranty Period For The X-volt Electrical Mats? What Does The Warranty Cover For Electrical Insulating Mats?

The warranty offered for the X-Volt electrical mat is 2 years. Our warranties typically cover manufacturing defects and may vary in coverage. It's important to review our warranty terms or talk to our experts to understand what is included and excluded from coverage.

2. How Do I Initiate A Warranty Claim For A Defective Electrical Insulating Mat?

In case of a defect covered by the warranty, follow our terms and conditions for initiating a claim. This usually involves contacting the our team and providing necessary documentation.

4. What Is The Standard Shipping Time For Electrical Insulating Mats?

Shipping times vary based on factors such as location and product availability. Our team of experts can provide estimated shipping times when you place an order. Since we maintain a ready stock of our insulating mats in 7 warehouses across the globe, stay assured that, we ship our products fast!

5. Can I Track My Order During The Shipping Process?

At Duratuf, we have an automated system for supply chain management. Hence, we do provide order tracking details once the product is shipped. At Duratuf we take pride in a fully automated supply chain management system. Therefore, you have to wait less for more advantages.

6. Is there are an MOQ on Bulk X-volt Electrical Mat Order?

Our MOQ is 100 sq m (10 rolls). For quantities lesser than 100 sq m, you can buy from our **online store** or our channel partners. Reach out to us for our channel partner details.

However, if you want to get the best bulk order rates, the MOQ is 300 sq m. Please speak with our experts for a better idea.









9 CONTACT US

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OUR WAREHOUSES:

♥ Howrah (Kolkata)
♥ Mumbai
♥ Ahmedabad
♥ Bengaluru
♥ Chennai
♥ Bhiwadi
♥ Dubai

Other websites: ## www.duratufproducts.com ## www.duratufstore.com

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