



# Elephant Shield™

## Premier Rubber Membrane™



# India's most Easiest, Durable & Multiuse Waterproofing & Corrosion protection system



[cs@elephantshield.com](mailto:cs@elephantshield.com)

[elephantshield.com](http://elephantshield.com)



Adheres to virtually  
any surface  
Concrete, Metal,  
Foam, Wood,  
Stone and more

## **Premier Rubber Membrane™**

Unique, User friendly, Fastest,  
Easiest, Self-applied Liquid  
Waterproofing and Corrosion  
Protection Compound.

Application of PRM are virtually  
beyond any architectural limitations  
- allowed applicators to expand  
their markets and revenues.

# Premier Rubber Membrane™



**1000%  
Stretchable**



**UV  
Stable**



**Easy  
Application**



**Non  
Toxic**



**Unaffected by  
Standing Water**



**Multi  
Application**



**Odour  
Less**



**Puncture  
Resistant**



**Eco  
Friendly**



**Adhesion to  
Any Substrate**

## UNIQUE CHARACTERISTIC

- Water Based, Cold Applied, Non-toxic
- V.O.C Free, Odourless, Eco Friendly
- Stretch Ability Of Over 1000% With 95% Recovery
- Abrasion Resistance, Highly Impact Resistant
- UV Stable, Will Not Deteriorate With Weather cycle
- High Puncture Resistance and Self-healing If Punctured
- 1000 Hr Salt Fog Corrosion Passed
- Comfortable With Residence Water
- Single Component Liquid Coating
- Cold Applied By Brush, Squeegee Or Spray Equipment
- Curing In Ambient Condition
- Form Seamless Rubberized Membrane When Cured
- Applied Indoors And Outdoors
- No Special Protective Equipment Required
- Not Require Any Kind Of Pre Or Post Preparation Of Surface



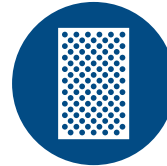
# HOW TO APPLY : 3 EASY STEPS

## 1. CLEAN IT



It's very important that your roof/substrat is dry, free of all dust, dirt, debris, oil, solvents and other material that may adversely affect **Premier Rubber Membrane™** adhesion.

## 2. PREP IT



Make sure you do have Brush/Roller, **Premier Rubber Membrane™** & Nonwoven/Cotton cloth strip gathered at one place, so that you don't have to find them while applying **Premier Rubber Membrane™**

## 3. COAT IT



Use the 3 course method with **Premier Rubber Membrane™**

- First Coat of **Premier Rubber Membrane™**
- For the Larger Gaps, Cracks or Porous Surface Apply Reinforcing fabrics Nonwoven or Cotton Cloth Strip (30 to 40 GSM)
- Second Coat of **Premier Rubber Membrane™** - And its DONE !

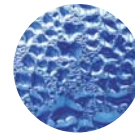


## Performance Test of Premier Rubber Membrane™ - PROPERTY - ASTM NUMBER - RESULTS

Adhesion to Concrete Substrate	ASTM D903 - 98 (2004)	PASSED*
Adhesion to Steel Substrate	ASTM D903 - 98 (2004)	PASSED*
Adhesion to Wood Substrate	ASTM D903 - 98 (2004)	PASSED*
Hydrostatic Resistance (positive side)	ASTM 5751 - 00	> 350PSI**
Hydrostatic Resistance (negative side)	ASTM 5751 - 00	> 350PSI**
Resistance to Puncture	ASTM E154-99- Sect.10	> 34 N***
Freeze - Thaw Resistance (100 cycles)	ASTM A742	PASSED****
Elongation at break at -5.6o C	ASTM D412 - 98a (2002)	480%
Elongation at room temperature	ASTM D412 - 98a (2002)	1200%
Low Temperature Brittleness @15oC	ASTM D746 - 04	PASSED
Water Absorption	ASTM D570 - 98 (2005)	<1.4
Water Vapor Transmission (grains/hr/ft2)	ASTM E96-00	0.12
Water Permeance (grains/hr/ft2)	ASTM E96-00	0.23
Crack Bridging @-5oC	ASTM C1305 - 06	PASSED
Resistance to Puncture	ASTM E154-99- Sect.10	> 34 N***
Resistance to Plastic Flow at Elevated Temp.	E154-99- Sect.11	<0.4
Low Temperature Flexibility @-15oC	D1970-01	PASSED
Salt Fog	ASTM B177 - 90	PASSED
TCLP Leachate Test- Dry	O.REG.558	PASSED
Leachate Test- Submersed in Water	ISO 2812	PASSED
Fire Rating	ASTM E109 - 94	Class C
Fire Rating Ballasted Roof	ASTM E109 - 94	Class A
Soil Burial	ASTM E154 - 99	PASSED
WVT after Soil Burial(grains/hr/ft2)	ASTM 154-99- Sect 11	<0.4
Methane Gas Resistance	ASTM D1434-82(1992)	Equivalent to 1/8" EPDM
Low Temperature Flexibility@-15oC	ASTM DI970-01 SEC 7.6	PASSED
Resistance to Plastic Flow	ASTM E154-99	PASSED
Resistance to UV Exposure	ASTM G90	ONGOING 5+ YEARS



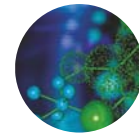
# APPLICATION AREA



Water Proofing



Corrosion Protection



Chemical Protection

					
<b>Slab Joint</b>	<b>Roofing</b>	<b>Crack Repair</b>	<b>Civil (RCC)</b>	<b>Foundation</b>	<b>Rust Control</b>
					
<b>Water Utilities</b>	<b>Mining</b>	<b>Marine</b>	<b>Automotive</b>	<b>Landscaping</b>	<b>Agricultural</b>

**Excellent solution for RCC & China Mozek Crack repair (external), Roof repair, Water reservoir tanks and Terrace water proofing**

Product from



Available on  
**amazon.in**

**For more Technical Information,  
Bulk Order, To Become Dealer & Authorised Applicator  
Contact our Customer Support.**

**Naltn Technologies Pvt. Ltd. - innovate for needs™ - (Super Stockist - Asian Region)**

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Beware of DUPLICATE Elephant Shield - Liquid Rubber, Rubber Shield, Premier Rubber Membrane Products

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