

## PROXON HESSIAN MEMBRANE

**PROXON HESSIAN MEMBRANE** is a bituminous membrane with a Hessian core, manufactured as per IS 1322 standard, ensuring durability and reliable waterproofing.



### What

**PROXON HESSIAN MEMBRANE** is a high - quality bituminous membrane reinforced with a durable Hessian core. Manufactured as per IS 1322 standards, it provides excellent waterproofing & protection for various construction applications.

### Why?

- Resistant to ageing.
- Withstands high temperatures.
- Impact and puncture resistant.
- Quick and easy application.
- Flexible in low temperatures.
- UV resistant material.

### Usage

**PROXON HESSIAN MEMBRANE** is used for protected roofing, waterproofing, and damp-proofing in single or multi-layer systems. Ideal for roof slabs, podiums, basements, raft slabs, roof gardens, toilet sunken slabs, and terraces.

### How to use?

- Smooth surface required
- Clean to remove projections
- Apply PROMASTIC primer first
- Torch-apply with overlaps
- Seal overlaps with flame
- Top with screed/tiles

# PROXON HESSIAN MEMBRANE

## About

**Surface Preparation:** A smooth, clean surface is required before applying **PROXON HESSIAN MEMBRANE**. Remove sharp projections, dust, and debris.

### Priming:

Apply **PROXON PROMASTIC** to enhance adhesion (refer to the relevant data sheet).

### Application:

Unroll **PROXON HESSIAN MEMBRANE** over the surface and apply using a torch with 10cm overlaps. Seal overlaps with a flame torch for secure bonding.

### Topping:

For accessible roofs, top with cement screed or tiles using chicken wire mesh reinforcement. Inaccessible roofs can be coated with **PROXON BITUMEN** and **PROXON SILVER** for added protection.

### Limitations:

Apply between 5°C & 45°C. Warm the membrane below 5°C & store above 20°C for optimal bonding & easy application.

## Physical Properties

| Test   | Requirement  | Unit     | Method of Test, Ref to                   |
|--|--|----------|--|
| Breaking Strength, Min,<br>i) Warpway<br>ii) Weftway | 135<br>90  | Kg<br>Kg | Part 1 of IS 13826<br>Part 1 of IS 13826 |
| Pliability Test                                      | No Rupture   | -        | IS 13826 (Part 2)                        |
| Storage Sticking Test                                | No Sticking  | -        | IS 13826 (Part 3)                        |
| Water Absorption Test, Max                           | 2  | %        | IS 13826 (Part 6)                        |
| Tear Resistance                                      | 350 (Longitudinal)<br>± 20%<br>300 (Transverse)<br>± 20% | N/5 cm   | ASTM D 5147                              |
| Elongation, Min                                      | 40 (Longitudinal)<br>40 (Transverse)                     | %        | ASTM D 638                               |
| Heat Resistance Test at 68°C                         | No Flow  | -        | IS 13826 (Part 5)                        |
| Pressure Head Test at 300 mm height of water         | No Leakage   | -        | IS 13826 (Part 4)                        |
| Bitumen Content per roll                             | 23 – 24.5  | Kg       |  |

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## Packing

Membrane: 20m length X 1m width  
(Customisable)

**PROXON PROMASTIC:** 20 Kg container

## Shelf Life

All products have a 12-month shelf life if stored in a cool, dry place, away from heat, in unopened packaging. Store horizontally, not exceeding one pallet high.

## Coverage

COLDSTICK covers 3.5–4.5 m<sup>2</sup>/Ltr. Coverage may vary based on surface condition, temperature, wind velocity, applicator skill, porosity, and substrate quality.

## Safety

**PROXON HESSIAN MEMBRANE** and **PROXON COLDSTICK** have no health hazards. If **COLDSTICK** is swallowed, drink water; do not induce vomiting. Flush eyes with water for 15 minutes. Wash skin thoroughly. These products are flammable; use in open areas, away from ignition sources.

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