

PROXON APP 4000

PROXON APP 4000 is a durable APP-modified waterproofing membrane with polyester core, offering weather resistance, flexibility, and tensile strength.



What

PROXON APP 4000 is a pre-fabricated plastomeric waterproofing membrane with a spun-bonded polyester core, offering excellent weather resistance, tensile strength & flexibility, ideal for roofing, waterproofing & damp-proofing applications.

Why?

- Total impermeability and durability
- Resistance to ageing/weathering
- Superior bond and seams
- Stability at high temperatures
- Impact and puncture resistance
- Flexible, easy installation

Usage

PROXON APP 4000 membranes are versatile and suitable for waterproofing various structures, including roofs, reservoirs, basements, sunken slabs, terrace gardens, car parks, tunnels, and bridge decks.

How to use?

- Clean and smooth surface.
- Apply primer; allow drying.
- Lay membrane; use torch.
- Heat and seal overlaps.
- Coat with UV protection.
- Protect roof with PCC.

PROXON APP 4000

About

PROXON APP 4000 is a pre-fabricated plastomeric waterproofing membrane with a spun-bonded polyester core, offering excellent weather resistance, tensile strength, and flexibility, ideal for roofing and waterproofing applications.

It provides long-lasting, flexible waterproofing that withstands normal structural movement without deterioration. **PROXON APP 4000** is typically used in single-layer systems and as a base layer in multilayer applications.

PROXON APP 4000 offers cold flexibility up

to -2°C and is available in two variants: plain finish with polyethylene film on both sides or mineral slate finish with polyethylene and natural grey slate.

Packing

For 4 mm – 1 m x 10 m.

Shelf Life

Store in a cool, dry, and shaded place, away from heat sources, to ensure proper preservation and maintain the product's quality.

Physical Properties

PROPERTY	4 mm and above	Below 4 mm
Penetration @ 25°C	25 ± 5	15 ± 5
Softening Point, $^{\circ}\text{C}$	≥ 150	≥ 145
Heat Resistance, 120°C , 2 hr	No flow	No flow
Tensile / Lap Joint Strength, N / 5 cm		
• Longitudinal	650 ± 150	> 250
• Transverse	450 ± 100	> 120
Cold Flexibility, $^{\circ}\text{C}$	- 2	0
Water Absorption, %	0.2	0.2
Elongation, % @ 23°C		
• Longitudinal	40 ± 10	> 30
• Transverse	50 ± 10	> 30
Puncture Resistance		
• Static Indentation	L – 3	L – 3
• Dynamic Indentation	I – 3	I – 3

PROXON APP 4000

Safety

Wear goggles, gloves, gum boots, and a nose mask during application. Clean hands with warm water afterward to ensure safety and hygiene.

MANUFACTURING & MARKETING BY:
PROXON PRIVATE LIMITED

Corporate Office : #2/3, Sakthi Nagar Main Road, Arumbakkam,
Chennai-600 106, TamilNadu, India | **MOB :** +91 89259 62014

Website : www.proxon.in | info@proxon.in

PROXON®
Edition - Nov 2024

Product Use Advisory : The technical information and advice provided are based on current scientific and practical knowledge. As this is general information, no warranty is given on product suitability for specific applications. Users must verify product suitability for their intended use and application.