

GENERAL DESCRIPTION

IZOPROTECT ROLL is a torch applied APP modified bituminous membrane, reinforced with a carrier of polyester compound based with high puncture, and heat resistance to protect waterproof membrane against mechanically stress and impact due to sharp aggregate during back filling.

APPLICATION AREAS

IZOPROTECT ROLL is ideal for protection of waterproofing membranes in:

- Below or above ground
- Retaining walls & columns
- Basements and foundations

FEATURES

- Torch applied easy to use.
- Compatible with waterproofing membrane and liquid coating.
- Excellent adhesion strength.
- High impact and puncture resistance.
- Resists attack from salt and alkalis.

QUALITY CONTROL

IZOMAKS INDUSTRIES L.L.C. Manufacturing facility is controlled by high quality technical people and certified with QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS-ISO 14001:2015.

TOOLS REQUIRED

Gas torch, gas cylinder, measuring tape, trowel, knife, marking string etc.

APPLICATION METHOD

HORIZONTAL SURFACE

Place the bituminous roll over applied waterproofing membrane in a series without maintaining any gaps including over and end laps with fully bonded torched applied from the low points and press firmly to achieve complete adhesion with the membrane surface. For intersections and protrusions can be applied by cut and fit methods.

VERTICAL SURFACE

Place the bituminous roll over vertical waterproof surfaces with fully bonded torched applied from the low points and press firmly over the surface keep hold till it sets.

BACKFILLING

Backfilling against vertical surfaces should be done within 48 hours after protection board installation

has been done.

APPLICATION LIMITATION

- Avoid installation of protection roll in the same day of waterproofing application.
- Do not install in moist surfaces or raining days.
- Avoid overheating.
- Avoid backfilling same days when protection has been done

PACKAGING

IZOPROTECT ROLL is manufactured under standard size and rolls are palletized and covered with a shrink-wrapped.

STORAGE AND HANDLING

- Keep the material in dry, cool ventilated and shaded areas for not more than 6 months.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.

AVAILABLE SIZES

Thickness \pm 0.2mm	Size \pm 1%
3 and 4mm	1x10meters
5mm	1x8meters

TECHNICAL CHARACTERISTICS

Properties	Typical Values	Test method
Reinforcement	Polyester Coumpound Based	
Softening point	150-160°C	ASTM D36
Penetration (@25°C)	15-20dmm	ASTM D5
Heat stability	No changes at 120°C	ASTM D 5147
Puncture resistance Static	L2	UEAtc

NOTE

The above shown technical data are results obtained in laboratory and extra data can be provided upon request.