

## GENERAL DESCRIPTION

**IZOPROTECT BOARD** is a torch applied semi-rigid bituminous protection board, reinforced with double 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 BOARD** 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 protection board 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 protection boards 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 board 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 BOARD** is manufactured under standard size 1x2 meters. And boards 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	1x2meters

**TECHNICAL CHARACTERISTICS**

Properties	Typical Values	Test method
Reinforcement	Double carriers polyester compound based	
Softening point	140-160°C	ASTM D36
Penetration (@25°C)	6-12dmm	ASTM D5
Dimensional 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.