

# Plasti-board HP

Waterproofing protection board with high puncture resistance



## Description

Plasti-board HP is a high performance polypropylene based, semi-flexible protection board with very high puncture resistance.

## Applications

Plasti-board HP is designed for use as permanent protection for all types of waterproofing and damp proofing.

## Advantages

- ▲ High puncture resistance protects the waterproofing membranes from impact and sharp objects.
- ▲ Rot proof, not biodegradable.
- ▲ Chemical resistant.
- ▲ Semi-flexible.
- ▲ Tough and durable.
- ▲ Dual side protection.
- ▲ Easy to handle.
- ▲ Impermeable.

## Method of Use

Plasti-board HP should be laid continuously by tightly fitting all edges together on the top of the hot liquid asphalt while it is tacky.

To protect torch applied membrane, by using a flame torch, the membrane should be lightly exposed to the flame in different spots, and gently pressing Plasti-board HP. A 3 – 5 cm is a recommended overlap or you can use bituminous sealant as adhesive for Plasti-board HP.

## Packaging

Standard thickness:  
3 mm, 4 mm, and 5 mm.

## Cautions

## Health and Safety

There is no health hazards associated with Plasti-board HP in normal use.

## Fire

Plasti-board HP is flammable.

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- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

# Plasti-board HP

Technical Properties*:	Thickness		
	3 mm	4 mm	5 mm
Standard size:	1000 mm x 2000 mm 1500 mm x 2000 mm	1000 mm x 2000 mm 1500 mm x 2000 mm	1000 mm x 2000 mm 1500 mm x 2000 mm
Water absorption:	NIL	NIL	NIL
Resistance to 60% NaOH:	Resistant	Resistant	Resistant
Resistance to 30% H <sub>2</sub> SO <sub>4</sub> :	Resistant	Resistant	Resistant
Resistance to 10% HCL:	Resistant	Resistant	Resistant
Resistance to puncture: EN ISO 12236:2006	≥ 1300 N	≥ 1500 N	≥ 1900 N
Tear resistance: ASTM D1004	≥ 13 kg	≥ 13 kg	≥ 16 kg
Approximate weight:	450 ± 50 g/m <sup>2</sup>	650 ± 50 g/m <sup>2</sup>	800 ± 50 g/m <sup>2</sup>

*\*The above properties are subject to 10% tolerance.*

**Note:**

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