

## Description

Protectoboard is a dimensionally stable roofing board that can be mechanically fastened or mopped into hot asphalt or adhesive. It is available in various sizes and thicknesses.

Protectoboard is fabricated with a mineral reinforced asphaltic core sandwiched between two layers of non-woven glass fiber reinforcement. This composition offers remarkable reliability in the face of environmental conditions, as well as providing additional fire resistance.

## Usage

### Re-Roofing

During re-roofing Protectoboard can be used as a separation sheet to limit migration of moisture into the new roof system. Installed over an existing roof, Protectoboard provides a durable substrate that offers excellent resistance to torch flames required to install heat-weldable membranes such as IKO's Torchflex.

## Features / Benefits

### Asphalt and Fiberglass Construction

- Asphalt and fiberglass construction resists rotting.
- Compatible with asphalt roofing membranes such as built-up roofing system and modified bitumen rolls.
- Minimal moisture absorption.

### Non-woven Fiberglass facers

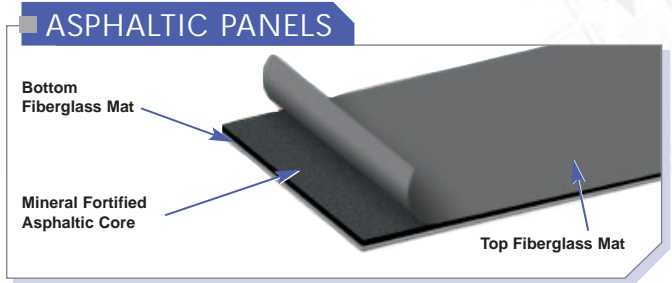
- Provides a rigid, dimensionally stable roofing component.

### Ease of Use

Protectoboard can be cut with a simple straight or hooked blade. Thicker boards can simply be scored with a blade and snapped similar to gypsum.

### Approvals

Protectoboard is accepted by national and provincial associations in Canada, for roofing applications, as well as provincial transport ministries for waterproofing applications on concrete infrastructures.



### Directly Over Insulation

When installed over insulation, Protectoboard becomes a moisture-resistant cover board, ready to receive waterproofing systems applied by heat-welding, mopped with hot asphalt, self-adhered, or using adhesive.

### Waterproofing

Protectoboard can also be applied as a protective layer over the waterproofing material in construction, such as: bridge and podium decks, vertical walls and parking garages.

### A Safe Product

- Due to its outstanding fire resistance, Protectoboard is an ideal product for heat-welding applications. Beneficial to both contractors and insurance companies.

### Re-Roofing Suitability

- More economical solution than to tear-off and dispose of existing roof.
- Provides a uniform surface to install retrofit roofing systems.

### Can be Installed Without Mechanical Fasteners

- Protectoboard can be mopped into hot asphalt or adhesive, offering an alternative to mechanical attachment eliminating the need to penetrate metal decks.

## SPECIFICATIONS

PRODUCT IDENTIFICATION	TYPE OF ASPHALT	NOMINAL THICKNESS mm (mil)	REINFORCEMENT (2 Sides)		SURFACE FINISH (2 Sides)	PRODUCT SIZE m (ft.)	COVERAGE m <sup>2</sup> (sq. ft.)
			Type	g/m <sup>2</sup> (lb/100 ft. <sup>2</sup> )			
<b>PROTECTOBOARD</b> - 1/8" x 4' x 5' - 1/8" x 4' x 8'	Oxidized	3.0 (118)	Fiberglass	60 (1.2)	Smooth	- 1.2 x 1.5 (4' x 5') - 1.2 x 2.4 (4' x 8')	- 1.9 (20) - 3.0 (32)
<b>PROTECTOBOARD</b> - 3/16" x 4' x 5' - 3/16" x 4' x 8'	Oxidized	4.5 (177)	Fiberglass	60 (1.2)	Smooth	- 1.2 x 1.5 (4' x 5') - 1.2 x 2.4 (4' x 8')	- 1.9 (20) - 3.0 (32)
<b>PROTECTOBOARD</b> - 1/4" x 4' x 5' - 1/4" x 4' x 8'	Oxidized	6.0 (236)	Fiberglass	60 (1.2)	Smooth	- 1.2 x 1.5 (4' x 5') - 1.2 x 2.4 (4' x 8')	- 1.9 (20) - 3.0 (32)
<b>PROTECTOBOARD</b> - 1/2" x 4' x 5' - 1/2" x 4' x 8'	Oxidized	12.5 (492)	Fiberglass	60 (1.2)	Smooth	- 1.2 x 1.5 (4' x 5') - 1.2 x 2.4 (4' x 8')	- 1.9 (20) - 3.0 (32)

NOTE: All values shown are approximate.



MEMBRANE FOR ROOFING SYSTEMS AS TO AN EXTERNAL FIRE EXPOSURE ONLY. SEE UL DIRECTORY OF PRODUCTS CERTIFIED FOR CANADA AND UL ROOFING MATERIALS AND SYSTEMS DIRECTORY 342M.

# PROTECTOBOARD Roofing & Re-recovery Board

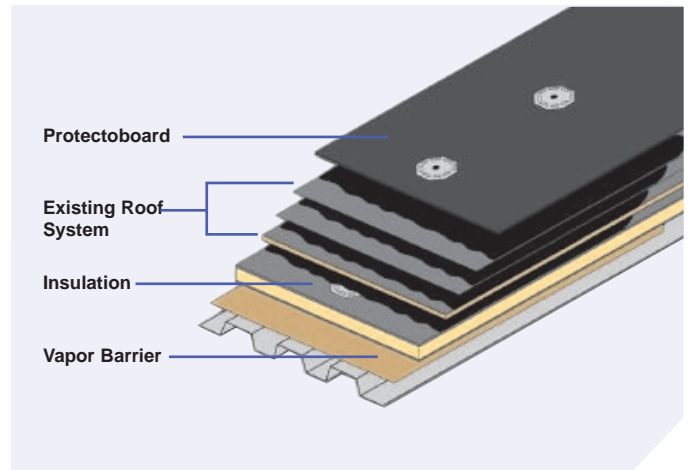
## APPLICATION GUIDE

### Re-recovery Board Over Existing Roofs

When installed over existing roofs, Protectoboard provides one of the best dimensionally stable and durable surfaces in the roofing market, ready to receive waterproofing membranes. To apply, remove gravel and replace any wet insulation. Any roof deficiencies such as blisters and ridges are to be repaired and the surface levelled.

**Note:** It is recommended that a minimum 1/4" Protectoboard be used over existing scarified gravel roofs.

- Protectoboard can be mechanically fastened over a built-up roofing system.
- Protectoboard can also be mopped into hot asphalt or adhesive over existing built-up roofing systems, once the substrate has been properly prepared. For more information, contact your local IKO Representative.



### Over Insulation

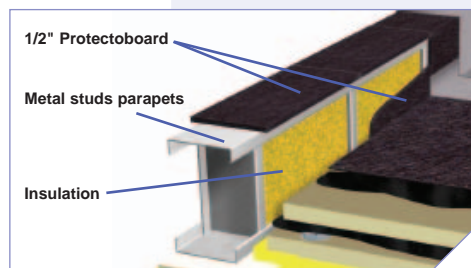
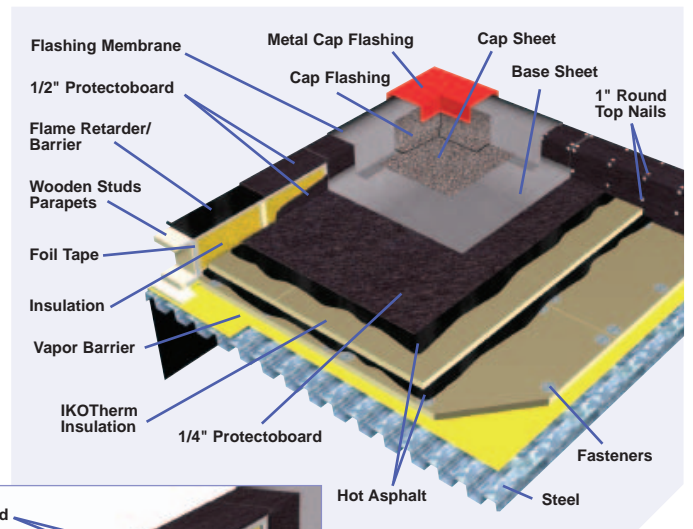
- Protectoboard can be mechanically fastened over roofing insulation providing a rigid support for the attachment of membranes.
- Protectoboard can also be installed over insulation without mechanical fastening. As an alternative, Protectoboard can be adhered with hot asphalt or installed with an acceptable insulation adhesive.

### On Parapets and Control Joints

- 1/2" Protectoboard can be used as a fire resistant board, covering parapet framing (wood or metal) in place of traditional plywood.
- 1/2" Protectoboard is an economical solution for the roofing market, with the above mentioned application.

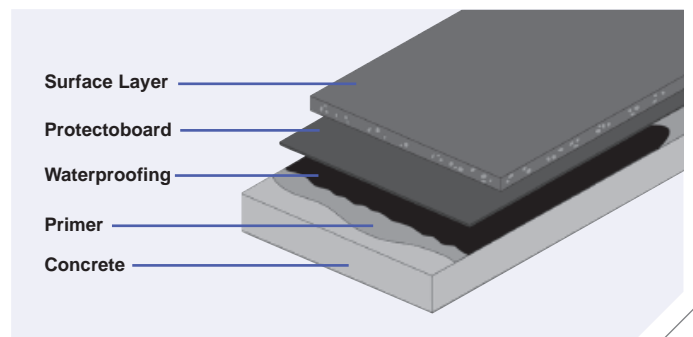
Due to its ease of use, and great resistance to water and fire, 1/2" Protectoboard should be the number one choice when specifying a heat-welded base sheet on parapets or control joints.

**Note:** When a self-adhering base membrane is required, the Protectoboard product should be primed appropriately with the proper IKO primer.



### Waterproofing

Protectoboard can be installed as a protective layer for waterproofing applications on bridge decks, parking garages, foundation walls, roof terraces, planters, tunnels, and promenade decks.





Thank you for considering IKO Premium Roofing products. For additional information on IKO's full line of superior Commercial/Industrial Roofing and Waterproofing products please call: 1-800-361-5836, or visit our web site at:

► [www.iko.com](http://www.iko.com)

**Note:** The physical properties of the products described in this catalogue represent average typical results obtained by testing our products according to accepted industry test methods. These values are subject to normal manufacturing variations, and are supplied as a technical guideline only; they may be subject to change without notice. Current product specifications can be confirmed by contacting your local IKO Technical Representative.

Also, the guide specifications contained herein are offered as general information for the design and installation of IKO roof assemblies. IKO Industries Limited is a supplier of materials, and we cannot assume liability for errors in roof design, engineering, or application. The architect, contractor, and/or building owner's representative must verify all dimensions, details and suitability of roof design.

**Note:** All values shown are approximate. Product and color availability subject to shipping area. The information in this document is subject to change without notice. IKO assumes no responsibility for errors that may appear in this document.





