

CIKOguard PPB

Protection board for the waterproofing membrane

Description

CIKOguard PPB is an extruded polypropylene board with a core structure to allow protection & light drainage.

CIKOguard PPB is a light weight and semi flexible material that can be quickly and easily installed to minimize the damage that can occur on the waterproofing membrane. It is a valuable buffer against harmful friction.

Properties

- Can be installed by any operator simply by using a scale, ruler or cutting blade.
- No experience or special training is needed.
- Comes in an ideal size format, suit any building project-regardless of size or stage of construction
- Needs no special storage facilities
- Can be installed under any weather conditions
- A lighter, flexible material means faster installation that can reduce your labour costs
- Resilient, durable, light weight, cut free and weather resistant
- Inflammable
- non-conductance
- Corrosive and erosive proof
- Acid/Alkali resistance
- Waterproof
- Insoluble in all chemicals
- Can be installed under heavy rain, wind or any other hazardous conditions.
- Compatible with common waterproofing membranes: APP, SBS, TPO, PVC and EPDM.

Thermal Properties

- Flash Ignition Temperature: 345 °C
- Auto Ignition Temperature: 360 °C
- Heat deflection temperature: 104 °C

Instructions for Use

Complete Protection Solution

CIKOguard PPB can be used as an effective barrier to protect wooden floor boards, wooden panels, railings, marble, granite, carpet and other surface materials that are subjects to damage during construction. They are capable of absorbing shock weight trauma and other violent forms of chemical and physical damage that threatens the delicate and sensitive areas on site.

Packaging

CIKOguard PPB comes in a standard size format (1x 2 m) with variable thickness (3, 4 and 6mm) and densities to suit different working conditions.



Structural Features

Versatile, light weight, easy to cut and simple to install, CIKOguard PPB is designed to be the perfect solution for surface protection.

CIKOguard PPB is made up of two layers held together by hundreds of tiny, thin cellular walls that traverse longitudinally side by side to create a powerful

cushioning effect against an application of weight. They are constructed from an innovative material that's tough enough to

handle the roughness of a construction site, while flexible enough to use around corners, tricky protrusion and difficult to reach place.

Table 1: Technical Properties of the Raw Material:

Test	Specs	Unit	Result
Tensile strength (at yield 50mm/min)	ASTM D 638	N/mm ²	27
Elongation (at yield 50mm/min)	ASTM D 638	%	11
Flexural Modulus	ASTM D 790 A	N/mm ²	1000
Notched Izod Impact strength (at 23°C)	ASTM D 256	J/m	200
Melt Flow Rate (230 °C/2.16 kg)	ASTM D 1238	g/10min	1.8
HDT(0.455N/mm ²)	ASTM D 648	°C	95

- The above results are for indication purposes only.
- Allow 10% Tolerance for the thickness and compressive strength.

Technical Support

For further technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- *Concrete admixtures and additives*
- *Waterproofing and damp proof coatings*
- *Surface treatments*
- *Flooring and toppings*
- *Grouts and anchors*
- *Tile adhesives and grout*
- *Concrete repair materials*
- *Adhesives and bonding agent*
- *Protective coating*
- *Joint Sealants and Moulding compounds*
- *Ancillaries*

TDS/WP18 Rev.:1 Issue:C

Note: The information presented herein based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control



ص. ب. رقم : ٢٩٥ ، الدوحة - قطر
 ت : (+974) 4411 4787 ، 4411 4790 ، 4411 4787
 فاكس : (+974) 44114792

P.O.Box : 295, Doha, Qatar
 T.: (+974) 4411 4787 / 4411 4790 / 4411 4794
 F.: (+974) 44114792
 E-mail: enquiries@cikome.com