

HydroBond Protection Board

Bitumen Impregnated Protection Board

Revision: 1.0 - 17th December 2021
Code: HBPB

INTRODUCTION

Newton HydroBond Protection Board is a bitumen-impregnated board used as a protective barrier for externally applied Type A waterproofing membranes in the [Newton HydroBond System](#). Resistant to water and chemicals, HydroBond Protection Board can be cut with a knife and is quick and easy to install as means of protecting the waterproof membrane from damage.

KEY BENEFITS

- Bitumen impregnated protection board
- Resistant to water and chemicals in the ground
- Tough and durable
- Quick and simple to install

TYPICAL APPLICATIONS

- As a protective barrier for external applied Type A waterproofing membranes in the Newton HydroBond System

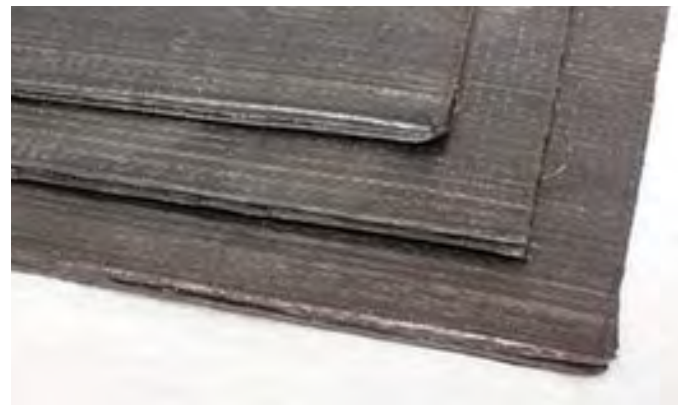
HYDROBOND SYSTEM MEMBRANES

- [HydroBond 403 Plus & HydroBond 403 Plus GB](#) - Self-healing and fully-bonded, pre-applied sheet membranes. GB is the gas variant
- [HydroBond SA & HydroBond SAGM](#) - Post-applied self-adhesive membrane, available as a normal membrane and a gas proofing membrane.
- [HydroBond 402 CCS-M](#) - Fully-bonded, pre-applied sheet membrane
- [HydroBond 109-LM](#) - UV-table, single component liquid bitumen that is also a radon barrier
- [HydroBond 2K-Flex](#) - Bitumastic paste that cures quickly to form a thick, flexible, membrane

PACKAGING

Board size - 3mm x 1m x 2m.

200 boards per pallet.



INSTALLATION

- Start by securing the end of the membrane at the top of the vertical surface. The precise method will depend on site conditions, including the height of the surface, accessibility, and the construction detail

COLOUR

- Black

SPECIALIST TOOLS REQUIRED

No specialist tools needed.

HEALTH AND SAFETY

Use appropriate PPE for the environment the system is installed within. Use products only as stated within this Data Sheet.

TECHNICAL DATA

Installed Performance	Result	Units	Test Method
Colour	Black		
Thickness	3	mm	
Width	1	m	
Length	2	m	
Softening point (R&B)	≥ 150	°C	ASTM D-36
Mass per unit area	± (10%) 4.44	kg/m ²	EN 1849-1
Resistance to static loading	≤ 5	kg	EN 12730
Resistance to impact loading	≤ 900	mm	EN 12691

Newton Waterproofing Systems reserve the right to update product literature at any time. Please always refer to our [website](#) for the latest versions.