

# BLOCK-BOARD

Polypropylene extruded sheet and high density expanded polystyrene



CC Technique Product Data Sheet

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Thermal & Protection

## ■ The Product

Block-Board is a composite structured board comprising polypropylene extruded sheet from one side and high density expanded polystyrene from the other side. The lamination is manufactured using specially formulated adhesive that can stand high temperatures.



## ■ Applications

Block-Board is mainly used as Heavy duty, and high impact protection and drainage cover to underground retaining structure. The Block-Board will replace the use of concrete block work due its higher impact, simple installation, and drainage structure.

Can be installed over all common type of waterproofing system including:

- Modified bitumen, SBS or APP
- Polyurethane Coating
- Bitumen coating
- Cementitious coating
- EPDM
- TPO
- PVC

## ■ Instructions for use

Start by making sure the wall is free from dirt or surplus deposits. Take the Block-Board to stand vertical in a way that the length is in the vertical direction. Start from the bottom level over the horizontal part of the retaining wall. Keep the polypropylenes facing toward the direction of the back fill. Stick the back side to the waterproofing on the wall using appropriate adhesive.

On modified bitumen use small pieces of the modified bitumen like 10 x 10 cm, torch from both sides to stick it on the wall. Spot it on main corners, and in the middle. In case of the presence of any ridges, have the sticking on the ridge coating : PU , Cementitious , Bitumen Coating, make sure that the Coating is dry ; and use Plyflex 1200 as an adhesive, by Spot bonding to the surface EPDM, TPO, PVC: The use of double tape / adhesive as to be approved by the manufacturer of the waterproofing membrane.

In all cases , the Block-Board to be hold temporary until the adhesive get dry to hold the Block-Board on the wall.

## ■ Packaging

BLOCK-BOARD is available in 1 meter x 2 meter size, and with nominal thickness of 50 mm.



Test	Test	Unit	Block-Board
Compressive strength	BS EN ISO 12236:2006	Kg/cm <sup>2</sup>	4.18
Puncture resistance	BS EN ISO 12236:2006	n	1170
Displacement	BS EN ISO 12236:2006	mm	34

