

IKO HYLOAD PROTECTION BOARD

PRODUCT INFORMATION

IKO Hyload Protection Board is a tough, flexible polymeric board for protecting membranes against damage caused by pedestrian/vehicular traffic, and abrasion caused by backfilling.

USE

This product is employed directly over damp proofing membranes and structural waterproofing membranes i.e. tanking. It is essential to include the product to ensure that membranes are suitably protected prior to any form of trafficking, concrete reinforcement work, concrete placement and backfilling operations.

The product is also often specified as temporary protection to finished work i.e. completed floors, and finished works.

FEATURES & BENEFITS

Rot Resistant – robust and permanent protection

Resistant to Contaminants – excellent resistance to alkali attack contained within normal soil conditions

Ease of use – flexible, robust and easy to cut/fold

PERFORMANCE & COMPOSITION

Composition: Polymeric board

Colour: Black

General Dimension Data

Thickness: 3mm

Unit Length: 2m

Unit Width: 1m

Nominal Weight: 5.25 Kg/m²

Nominal Board Weight: 10.5 Kg

Performance Data

Water Absorption

w/w BS2782 430A: 0.4%

Impact resistance

ISO 6603-2:1989: 1597N

Dimensional Stability

MOAT 27.5.1.6.1

Change in Length - dry at 80oC

After 24 hrs: -0.4%

After 1 week: -0.4%

Change in Length - wet at 80oC

After 24 hrs: -0.4%

After 1 week: +1.4%

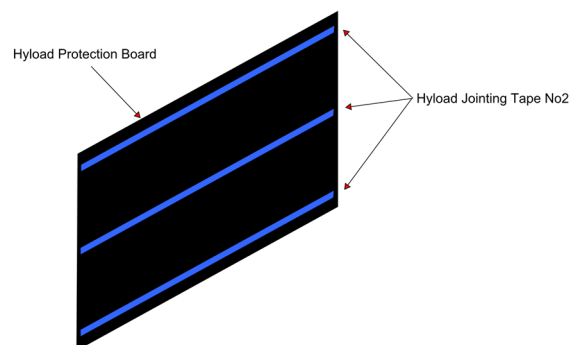
CONSTRUCTION

HORIZONTAL APPLICATION

Application areas must be swept to provide a surface free from loose debris. **IKO Hyload Protection Board** should be loose-laid with butt joints onto the area to be protected. Joints must be over-taped using **Hyload Jointing Tape No3**. This reinforces the joint and helps to secure the board in place whilst also preventing aggregate fines being washed down on to the protected surface. The boards should be covered as soon as practically possible.

VERTICAL APPLICATION

IKO Hyload Protection Board can be temporarily secured to the vertical surface using **Hyload DPC Jointing Tape No2**. Three strips of tape should be positioned parallel to the longest side and equidistant across the board. Remove the silicon release paper and press the board into position.



All butt joints should be over taped using **Hyload Jointing Tape No3**. These methods are sufficient to hold **IKO Hyload Protection Board** in position temporarily whilst backfilling and the application of further fabric is undertaken i.e. concreting work. The boards should be covered as soon as practically possible.

CUTTING & SHAPING

General cutting work can be undertaken using a fine toothed handsaw when supporting the board along a continuous edge i.e. a section of timber, sized to the full length of the board or a sharp knife.

Depending upon the detail **IKO Hyload Protection Board** can be folded to accommodate changes in direction. Where necessary the boards can be scored to assist bending. During cutting, folding and placement work, all operatives should use appropriate PPE (Personal Protective Equipment).

SITE STORAGE

GENERAL

Material should be stored in the dry, under cover, and protected against damage. Materials should be kept away from direct sources of heat.

DISCLAIMER

Whilst every precaution is taken to ensure that the information given in this literature is correct and up to date it is not intended to form part of any contract or give rise to any collateral liability, which is hereby specifically excluded. IKO reserve the right to amend and/or withdraw this document without notice.

Intending purchasers of our materials should therefore verify with the company whether any changes in our specification, application details, withdrawals or otherwise have taken place since this literature was issued.