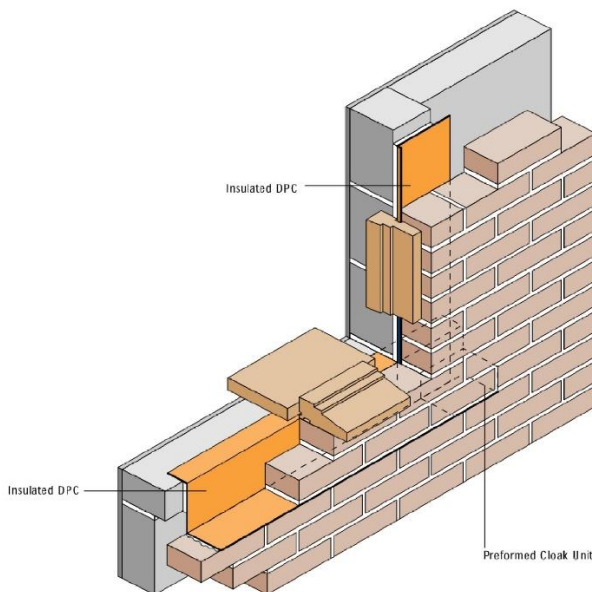


IKO HYLOAD INSULATED DPC

PRODUCT INFORMATION

IKO Hyload Insulated DPC comprises of a flexible polymeric sheet material centrally bonded to a cross-linked polyethylene foam insulation.

Widths (mm): DPC/ Insulation	Product Code
165/100	36016500
180/100	36018000
225/140	36022500



USE

IKO Hyload Insulated DPC is used within masonry cavity wall constructions.

INDEPENDENT ACCREDITATION



The product carries an Agrément Certificate 97/3310

FEATURES & BENEFITS

Excellent Thermal Properties

- Thermal resistance (R Value) of 0.50m² K/W
- Thermal conductivity (λ or k value) 0.032 W/mK

Quality Materials

Highly flexible polymeric DPC bonded to insulation that remains flexible when bent and will not crack.

Consistent Thermal Properties

Uniformly maintains thermal properties and does not allow thermal leakage.

Simple Installation

Exceptionally easy to handle, no additional fixings or adhesives necessary.

COMPOSITION

Form:	Roll
Length:	8m
Widths:	Varies, see table

DPC element

- Material:	Hyload Trade - Polymeric
- Colour:	Black
- Thickness:	0.9mm
- Texture:	Shiny grained finish

Insulation element

- Material:	Polyethylene foam
- Colour:	Grey
- Thickness:	17mm
- Texture:	Dull matt finish

INSTALLATION

Handling

Hyload Insulated DPCs require no special handling. However, excessive physical action can cause delamination of the insulation and should be avoided.

Installation

Installation must follow good practice for the detailing of damp proof courses (refer to Published Document 6697, BS 8215:1991 and BS 8000: Parts 3 and 4, and in accordance with the manufacturer's instructions.

In particular, the following practices are essential:

- (i) The width of insulation must sufficiently cover any masonry cavity closer, thus avoiding any risk of

condensation through cold bridging.

(ii) The side projections of the DPC must project beyond the masonry closer into the cavity and must not be bridged by mortar. The DPC projection into the opening must locate within the frame.

(iii) The vertical insulated DPC must be dressed into the cill cavity tray and be located behind the head cavity tray or sealed to the soffit of the lintel.

(iv) Where it is necessary to join the Insulated DPC vertically, the upper piece must be installed with the 100 mm extension at the bottom with this lapping over and to the outside of the lower piece and sealed.

(v) Where it is necessary to give temporary support to the Hyload Insulated DPCs whilst building brickwork, this should be done by turning the material over onto the top of the blockwork and securing by weighting down with masonry. On no account should the DPCs be secured by nailing.

Application in this way ensures conformity to the requirements of Building Regulations - Approved Document L and new Robust Details Document. Hyload Insulated DPC also conforms to the requirement of NHBC and BRE guidelines 'Thermal insulation: avoiding risks'.

DURABILITY

When properly specified and installed, the system in normal circumstances, will remain effective for the lifetime of the building.

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.

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