

Hyload Original

Product Data Sheet

High Performance DPC For All Applications

December 2005

Features and benefits

- Over 40 years proven reliability
- Complete Hyload DPC System availability
- Excellent performance under high compressive loads
- Good flexibility at low temperatures
- Tough and durable

Description

Hyload Original was the first high performance polymeric DPC system in the UK, and was awarded the first ever Agrément Certificate in 1967. The Hyload DPC system, including standard and special preformed cloak units, together with a range of jointing accessories, has been providing damp-proofing security for over 40 years, without a single reported system failure.

Hyload Original is a polymeric DPC material ideal for damp-proofing walls of brick, block, stonework or concrete in both solid or cavity wall constructions. It can be used vertically, horizontally and as a cavity tray. Hyload Original is resistant to compression even under the heaviest of wall loadings, as well as being very easy to handle and install. The product is supported by a complete range of accessories, is compatible with other Ruberoid waterproofing products as well as most commonly used construction materials, and is widely available as a stock item in builders' merchants.

Hyload holds British Board of Agrément certificate number 95/3133.

Ruberoid was the first UK bituminous membrane manufacturer to achieve BS EN ISO 9002 accreditation.

Product details

Dimensions and weights	Hyload Original
Nominal weight kg/m ²	1.5
Nominal thickness mm	1.27
Nominal length m/roll	20

Standard widths

Roll width	100	112.5	125	150	225	300	337.5	360	450	600	900	1000
m ² / roll	2.00	2.25	2.50	3.00	4.50	6.00	6.75	7.20	9.00	12.00	18.0	20.0

Non-standard widths are available to order in 25mm increments.

Typical performance

Permeability to water vapour to BS 3177 g/m ² over 24 hours		2.0
Tensile strength at break to BS 2782, 320A at 100 mm/minute N/mm ²	MD	8.8
	CD	6.9
Elongation at break to BS 2782, 320A at 100 mm/minute %	MD	200
	CD	190
Tear strength to BS 2782, 360B at 100 mm/minute N/mm ²	MD	33.0
	CD	42.0
Static indentation with 24kg for 24 hours to MOAT 27, 5.1.9		Satisfactory
Dynamic indentation with 12 mm punch to MOAT 27, 5.1.10		Satisfactory
Low temperature flexibility at -30°C to BS 747, Appendix C4		Pass

Note: Figures shown are typical test method results and should not be used for specifying purposes

Product range

A range of accessories is available to complete the Hyload Original DPC system, including :-

- Preformed units (standard and special)
- Hyload DPC Fixing Strip & Pins
- Hyload DPC Mastic
- Hyload DPC Lap Adhesive
- Ruberclose Insulated DPC
- Hyload DPC Jointing Tape and Jointing System

Application

Installation must follow normal good practice for the detailing of damp proof courses, as set out in the relevant clauses of BS 5628: Part 3: 2001 and must be in accordance with the manufacturer's instructions. The following installation practices are essential:

DPCs must extend through the full thickness of the wall or wall leaf, including pointing, applied rendering or other facing material and project beyond the external face by 5mm.

DPCs must be sandwiched between an even bed of wet mortar, and perforations in adjacent courses of brickwork must be completely filled with mortar.

All lap joints in the DPC must have 100mm overlap and be completely sealed.

Ruberoid preformed units must be used at stop ends, and all corners and changes in level of cavity trays.

When using DPCs with boot lintels or similar constructions, it is recommended that the material be installed following the lintel profile.

Storage

Ruberoid high performance DPCs are delivered to site in rolls, secured with a paper wrapper. On delivery it is important to check compliance of materials with specification requirements. Rolls must be stored level, on end and under cover. Care must be taken to ensure that the DPC does not become contaminated by hydrocarbon or other organic solvents. Standard and special preformed cloak units are supplied in cardboard cartons. Ruberoid's instructions regarding handling and storage must be followed at all times.

Health and safety

A Health and Safety data sheet relating to Hyload Original is available from the Technical & Design Services Department on 0800 587 7391 or E-mail wat.tech@ruberoid.co.uk. Alternatively, Health and Safety data sheets for all Ruberoid products are available as down-loads from the Ruberoid web site: www.ruberoid.co.uk

Technical and design support

Technical advice can be obtained from the Technical & Design Services Department on:
Tel: 0800 587 7391 Fax 01257 252986 Email wat.tech@ruberoid.co.uk

Other products

Ruberoid is part of the IKO Group which manufactures and supplies a wide range of high performance, insulated roofing systems including bituminous membranes, mastic asphalt, hot melt and polymeric single ply. The range also encompasses green roof systems, DPCs/DPMS/tanking materials and liquid waterproofing solutions and compounds. Full product literature is available as downloads from the web site: www.ruberoid.co.uk or on request by email: marketing@ruberoid.co.uk

Ruberoid Building Products

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Technical & design services - Roofing

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Technical & design services - Structural Waterproofing

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