

# Hyload DPC Jointing Accessories

## Product Data Sheet

### Accessory Products For Jointing and Supporting DPC Materials

December 2005

#### Features and benefits

- DPC joint fully supported
- Product enables designer and installer to comply with best practice
- Provides a clean and watertight joint
- Improves installation procedures helping to reduce overall costs

#### Description

Hyload DPC Jointing Accessories comprise a range of products for jointing, supporting and fixing DPC cavity trays and preformed cloak units which are required to make up the complete damp proof course system.

#### Product range

##### Hyload DPC Joint Support System

BS 5628: Part 3: 2001, clause 5.5.5.4: *"Cavity trays should be supported at their joint positions to facilitate effective sealing."*

BS 8215: 1991 clause 5.5: *"...joints should be fully supported, well lapped and sealed."*

Ruberoid supplies the Hyload DPC Joint Support System as a solution to the practical difficulties in jointing cavity trays. It enables contractors to make effective and waterproof joints between Ruberoid high performance DPCs, cavity trays and preformed cloak units. The system works by providing rigid support across the cavity allowing pressure to be applied to effect a waterproof joint.

The Hyload DPC Joint Support System consists of fifteen 350 x 200mm reinforced support boards and a roll of Hyload DPC Jointing Tape. The support boards are twin walled polypropylene, which can be bent to form the required profile. The support boards have a 100mm wide self-adhesive strip that bonds the waterproofing to the support board positioned centrally along its length and protected by silicon release paper. Joints in the waterproofing are sealed with Hyload DPC Jointing Tape, a 100mm wide self-adhesive tape protected on both sides by silicone release paper.

##### Hyload DPC Jointing Tape

BS 5628: Part 3: 2001, clause 5.5.5.1: *"...where water is moving in a downward direction, the joints in the DPC should be sealed."*

A 100mm x 10m double sided self-adhesive tape, protected on both sides by silicone release paper. It is used to seal joints between Ruberoid high performance DPCs, cavity trays and preformed cloak units. Before use, ensure that surfaces to be bonded are clean and dry.

Hyload DPC Jointing Tape is also suitable for bonding surface-fixed Ruberoid high performance DPC cavity trays and preformed cloak units to a wide range of common building materials such as block, concrete or metal. The surface must be previously primed with Ruberoid Self Adhesive Primer.

For vertical DPC applications, Hyload DPC Fixing Strip must then be installed using appropriate Hyload DPC Fixing Pins to provide a permanent mechanical fixing.

##### Hyload DPC Lap Adhesive

A brush applied synthetic rubber / resin mixture supplied in 500ml cans. It is used to seal joints between Ruberoid high performance DPCs, cavity trays and preformed cloak units. N.B. Hyload DPC Lap Adhesive is unsuitable for use with Permabit DPC (Hyload DPC Jointing Tape should be used).

Before use, ensure that surfaces to be bonded are clean and dry. Apply Hyload DPC Lap Adhesive to both surfaces and allow to dry fully. Bring surfaces together and apply firm pressure to create the bond. One 500ml can has a coverage of approximately 3m<sup>2</sup> (1.5m<sup>2</sup> of bonded area).

##### Hyload DPC Fixing Strip

Hyload DPC Fixing Strip is corrosion resistant rigid plastic strip 25mm x 3mm x 2m pre-drilled at 150mm centres. It is used to surface fix Ruberoid high performance DPC cavity trays and preformed cloak units to the inner leaf.

When fixing to solid internal substrates such as brick, stone and concrete, Hyload DPC Fixing Strip is also available with sufficient Hyload DPC Fixing Pins for Masonry included in the pack to complete the installation.

### Hyload DPC Fixing Pins For Masonry

Used with Hyload DPC Fixing Strip, Hyload DPC Fixing Pins for Masonry are corrosion resistant and can be used for surface fixing Ruberoid high performance DPC systems to any solid internal substrate such as brick, stone and concrete.

Hyload DPC Fixing Pin bodies are made from moulded nylon and the drive pins are made from polycarbonate. When the drive pin is located, the barbed portion of the fixing pin body expands giving a secure grip and high pullout resistance.

### Hyload DPC Fixing Pins For Insulation

Used with Hyload DPC Fixing Strip, Hyload DPC Fixing Pins for Insulation are corrosion resistant and can be used for surface fixing to the rigid insulation of composite inner skins.

Using a tool such as a bradawl, a pilot hole should be formed prior to inserting the push fit pin. The fir tree portion securely locates into the rigid insulation.

### Hyload DPC Mastic

A thick synthetic rubber mastic adhesive with gap filling properties up to 6mm. Supplied in 2.5L tins, Hyload DPC Mastic is suitable for bonding surface-fixed Ruberoid high performance DPC cavity trays and preformed cloak units to a wide range of common building materials such as block, concrete or metal. No primer is necessary.

Hyload DPC Mastic should be applied to the substrate. Position the waterproofing on to the adhesive and apply pressure to create a permanent bond. For vertical DPC applications, Hyload DPC Fixing Strip must then be installed using appropriate Hyload DPC Fixing Pins to provide a permanent mechanical fixing.

Typical coverage on smooth surfaces is 1.2 to 2m<sup>2</sup> per litre. Hyload DPC Mastic is also available in a 400ml cartridge for ease of application.

### Ruberflex Sealant

Ruberflex is a one-part bitumen modified synthetic rubber sealant supplied in 380ml cartridges. The product is suitable for application to bituminous substrates as well as other common building materials. Commonly used to seal chases in masonry of up to 25mm x 25mm, Ruberflex Sealant can also be used to seal penetrations in DPCs or tanking membranes caused by wall ties.

### Ruberoid Self Adhesive Primer

A rubber modified bituminous primer for preparing block, concrete or metal surfaces prior to the application of Plasprufe self adhesive tanking membranes and Hyload DPC Jointing Tape. Coverage is 4 to 6m<sup>2</sup> per litre. Available in 5L tins and 25L drums.

### Health and safety

A Health and Safety data sheet relating to Hyload DPC Jointing Accessories is available from the Technical & Design Services Department on 0800 587 7391 or E-mail [wat.tech@ruberoid.co.uk](mailto: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](http://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](mailto: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](http://www.ruberoid.co.uk) or on request by email: [marketing@ruberoid.co.uk](mailto:marketing@ruberoid.co.uk)

#### Ruberoid Building Products

**E-Mail:** [marketing@ruberoid.co.uk](mailto:marketing@ruberoid.co.uk) [www.ruberoid.co.uk](http://www.ruberoid.co.uk)

#### Customer services

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**Tel:** 0800 028 5573 **Fax:** 0800 013 5574 **E-Mail:** [sales@ruberoid.co.uk](mailto:sales@ruberoid.co.uk)

#### Technical & design services - Roofing

Cawdor Quarry, Matlock, Derbyshire DE4 2JH  
**Tel:** 0800 783 3210 **Fax:** 01629 583375 **E-Mail:** [roof.tech@ruberoid.co.uk](mailto:roof.tech@ruberoid.co.uk)

#### Technical & design services - Structural Waterproofing

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