



n55Plus

# Sheetseal 9000

RIW Sheetseal 9000 DPC is a composition of Ethylene Propylene rubbers reinforced with Polyester fibres, available in widths from 100mm to 1000mm wide, supplied in rolls 20m long

RIW Sheetseal 9000 DPC Accessories are moulded in 2mm thick medium density polyethylene

## BENEFITS

- High performance polymeric material
- Does not contain pitch, tar or bitumen
- Tough, durable and puncture resistant
- Flexible and easy to handle
- Excellent mortar bond strength
- No drying time
- Unaffected by extremes of temperature

**RIW****Sheetseal 9000**

## TYPICAL USES

Within masonry walls to prevent the passage of moisture from the ground, up into the fabric of the building, and / or ; at all levels as a cavity tray to prevent downward movement of water.

RIW Sheetseal 9000 DPC can be used in heavy loading situations, such as in multi storey buildings, and also in light loading situations as in parapet walls or under coping stones.

## DURABILITY

Subject to normal conditions of use RIW Sheetseal 9000 DPC will remain effective for the lifetime of the building.

The product will not extrude under loads, up to the compressive failure of the wall, and will not exude or 'bleed' under high temperatures.

## SPECIFICATION

F30 – Accessories / Sundry items for brick / block / stone walling in accordance with NBS clauses.

Please consult RIW Limited for further information.

## INDEPENDENT AUTHORITY

RIW Sheetseal 9000 DPC has been awarded British Board of Agreement Certificate No. 05/4213. covering its use to provide horizontal, vertical or stepped damp-proof courses, in either solid or cavity masonry walls.

## ANCILLARY PRODUCTS

RIW Limited produce a range of ancillary products for use with RIW Sheetseal 9000 DPC, which include:

**Pre-formed corners units** - for use where a cavity tray must turn the corner of a building.

**Pre-formed change in level units** - for use where a cavity tray steps up or down along its length

**Pre-formed stop end units** - for sealing off the ends of a cavity tray, at its start and finish points

**Jointing tape** - for sealing lapped joints in the dpc and / or for sealing a cavity tray onto the accessories.

**Joint supports** - for fitting below lapped joints in the cavity tray, to provide support and allow the jointing tape to be sealed correctly.

Standard cavity tray accessories are available to suit both a 150 and 225mm cross cavity rise, with a 50, 75 or 100mm cavity.

**Special tailor-made accessories** - are also available to accommodate situations where standard off the shelf cavity trays and dpc's are not suitable.

## PERFORMANCE & COMPOSITION

RIW SHEETSEAL 9000 DPC	
Form	Sheet material
Colour	Black
Thickness	1.06mm
Roll sizes	20m long various widths
Weight	1.3kg / m <sup>2</sup>
Tensile strength	10.3 Nmm <sup>2</sup> Longitudinal direction - ( BS 2782 : 320A ) 7.6 Nmm <sup>2</sup> Transverse direction
Elongation at break	342% Longitudinal direction - ( BS 2782 : 320A ) 303% Transverse direction
Tear propagation	24.2N Longitudinal direction - based on ( BS 2782 : 360B ) 55.3N Transverse direction
Cold flex temperature	-46°C - ( BS 2782 : 150B )
Water vapour transmission rate	4.02g / m <sup>2</sup> / 24 hours - ( BS 3177 : 75% RH / 25°C )
Shear strength	0.22N / mm <sup>2</sup> - ( BS DD86 : Part 1 : 1983 ) Mode of failure 1 = 70% * <sup>1</sup> Mode of failure 2 = 30% * <sup>2</sup>

\*<sup>1</sup> Mode of failure 1 = Partially between DPC / mortar, partially between brick and mortar

\*<sup>2</sup> Mode of failure 2 = Between DPC and mortar bond

RIW SHEETSEAL 9000 DPC ACCESSORIES	
Form	Vacuum formed in MDPE * <sup>3</sup>
Colour	Black
Thickness	2mm

The above performance figures are typical values and should not be considered a product specification.

See also BBA Certificate No 05 / 4213. for further / more detailed test data

\*<sup>3</sup> This material was selected to allow products to be formed in one piece with no seams or welded joints

## CONSTRUCTION

### GENERAL

All construction should conform with the Building Regulations, Codes of Practice and British Standards in current use at the time the building is being constructed.

### PREPARATION

RIW Sheetseal 9000 DPC can be installed in all weather conditions which permit normal building work to be carried out.

## APPLICATION

DPC's should always be bedded onto fresh mortar, never dry bedded. The masonry laid over the dpc should also be bedded onto fresh mortar so that the dpc is approximately halfway through the thickness of the mortar joint.

Ground floor level dpc's in external walls should be laid a minimum of 150mm above the adjacent ground level.

The dpc must be at least as wide as the thickness of the wall. If the dpc is narrower, full protection cannot be achieved and moisture may track up the wall and past the dpc.

If joints are required within the material, they must be lapped by a minimum of 100mm, including onto any accessories, and all laps sealed using RIW Jointing Tape

## SUPPLY

### AVAILABILITY

All RIW products can be obtained through Builders Merchants or approved stockists. A list of approved stockists is available from RIW Ltd's offices.

Non-standard accessories, including column cloaks are made to order, please contact our Commercial Department on 01344 397788 for more information.

### PACKAGING

RIW Sheetseal 9000 DPC	20m long rolls in various widths ie: 100, 113, 125, 150, 225, 300, 375, 450, 600 & 1000mm
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RIW Jointing Tape	22.5m long roll x 100mm wide
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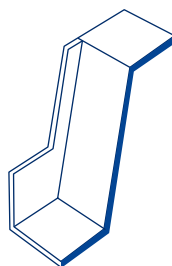
### STORAGE

Rolls must be stored on end and under cover

## TECHNICAL SERVICES

The RIW Technical Department is available to advise on individual projects and to prepare or assist in the preparation of specifications and drawings.

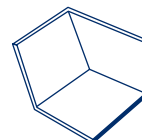
## ANCILLARY PRODUCTS/ACCESSORIES



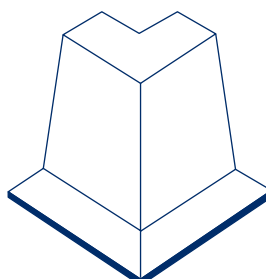
Stopend  
(full height)



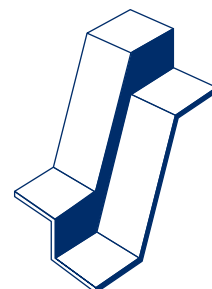
Multi Stopend  
(75mm high)



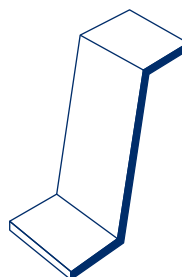
Sloping Stopend  
(75mm high)



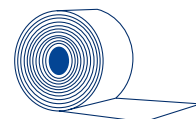
Corner Unit



Change of  
Level Unit



Joint Support



Jointing Tape



The information in this literature was correct at the time of going to press. However, we are committed to continually improving our products and reserve the right to change product specifications.

For the latest information, please consult RIW Limited. Conditions of use are beyond our control, therefore we can not warrant the results to be obtained.

**RIW Limited**

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**RIW**

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