

# DELTA HIGH PERFORMANCE DPC.



Delta High Performance DPC is a high performance polymeric material designed to suit all applications. Whether as a dpc at ground level, or for use as a fully designed cavity tray system, Delta DPC is designed to withstand the heaviest of loadings and is fully compatible with all materials it is likely to come into contact with during the normal course of construction and satisfies all the requirements as laid down by current British Standards.

Delta DPC is available in black. The coloured versions are used to suit situations where the dpc is required to blend in with either facing brickwork or stonework.

Delta High Performance DPC is available in various thicknesses either for use in buildings up to four storeys or for use in buildings in excess of four storeys.

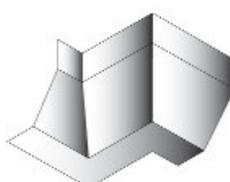
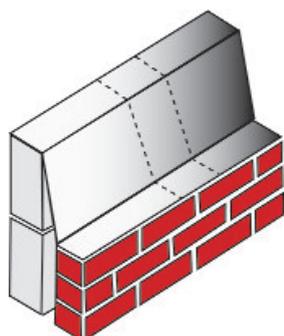
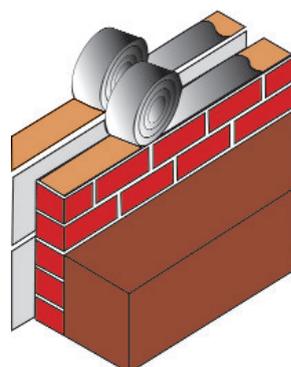
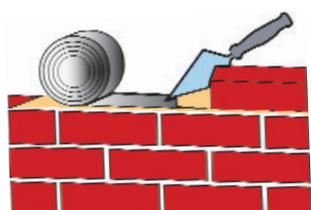
A range of standard performed units are available for use when Delta DPC is to be used as a cavity tray system. These units are high frequency welded and eliminate the risk of leakage paths often associated with site forming. We can design any shape or profile that may be required to satisfy the requirements as laid down by current standards.

Preformed units are also available to include detailing at intersections between below ground tanking systems and pipe penetration details.



The following standard roll widths are available in black. Other roll widths are available on request.

Roll Width	Length	m <sup>2</sup>
100mm	20 metres	2
112.5mm	20 metres	2.25
150mm	20 metres	3
225mm	20 metres	4.5
300mm	20 metres	6
337.5mm	20 metres	7.5
450mm	20 metres	9
600mm	20 metres	12
900mm	20 metres	18
1000mm	20 metres	20



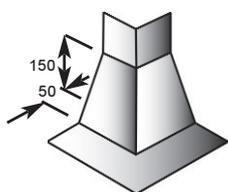
Delta House, Merlin Way, North Weald, Epping, Essex CM16 6HR  
**Telephone: 01992 523523 Fax: 01992 523250**  
 Email: [info@deltamembranes.com](mailto:info@deltamembranes.com) [www.deltamembranes.com](http://www.deltamembranes.com)



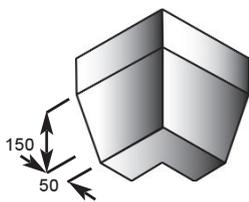
# DELTA HIGH PERFORMANCE DPC.



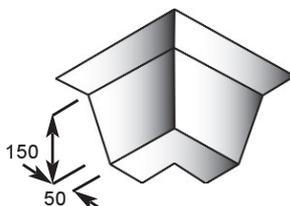
## DELTA Preformed Units



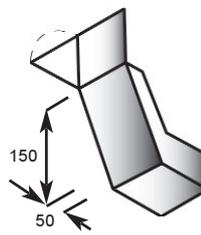
**External Corner SF**



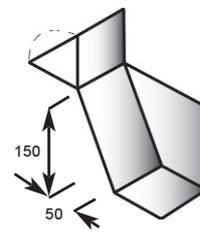
**Internal Corner SF**



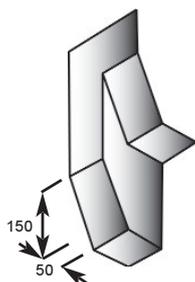
**Int/Ext Corner BB**



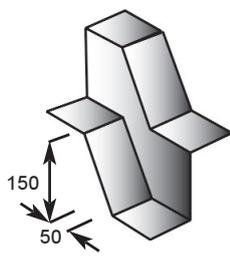
**Stop End SF/BB**



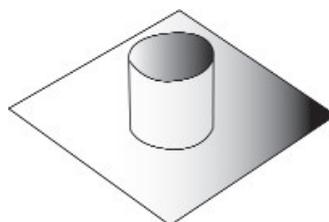
**Column Stop End SF/BB**



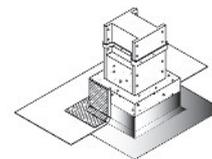
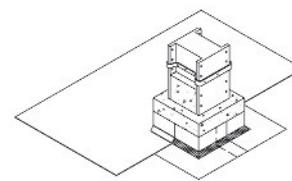
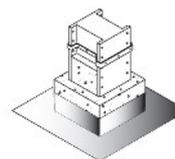
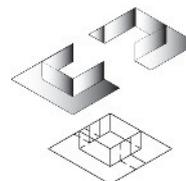
**Change of Level SF**



**Change of Level BB**



**Top Hat**



**Column Units**

## DPC Technical Data

### High Performance Grade

#### 1.25mm thick

#### Performance Test Data

Performance Test Data	Test	Result
Tensile Strength	BS 2782 m320a (100mm/min.)	MD-12.9N/mm <sup>2</sup> / TD - 11.2N/mm <sup>2</sup>
Elongation at Break	BS 2782 m320a (100mm/min.)	MD-415% / TD - 582%
Tear Strength	BBA Method (Supersedes BS 2782 m260b: 1980)	MD - 122N/mm <sup>2</sup> / TD - 96N/mm <sup>2</sup>
Water Absorption	BS 2782 M430A (after 7 days)	0.22%
Water Vapour Transmission	BS 3177 (75% R.H. 25°C)	733MNsg <sup>-1</sup>
Low Temperature Flexibility	BS 2782 M150B MOAT 27; 5.4.2	-25°C

#### 0.9mm thick

#### Performance Test Data

Performance Test Data	Test	Result
Tensile Strength	BS 2782 m320a (100mm/min.)	MD-11.8N/mm <sup>2</sup> / TD - 9.8N/mm <sup>2</sup>
Elongation at Break	BS 2782 m320a (100mm/min.)	MD-438% / TD - 500%
Tear Strength	BBA Method (Supersedes BS 2782 m260b: 1980)	MD - 87N/mm <sup>2</sup> / TD - 113N/mm <sup>2</sup>
Water Absorption	BS 2782 M430A (after 7 days)	0.22%
Water Vapour Transmission	BS 3177 (75% R.H. 25°C)	316MNsg <sup>-1</sup>
Low Temperature Flexibility	BS 2782 M150B MOAT 27; 5.4.2	-25°C