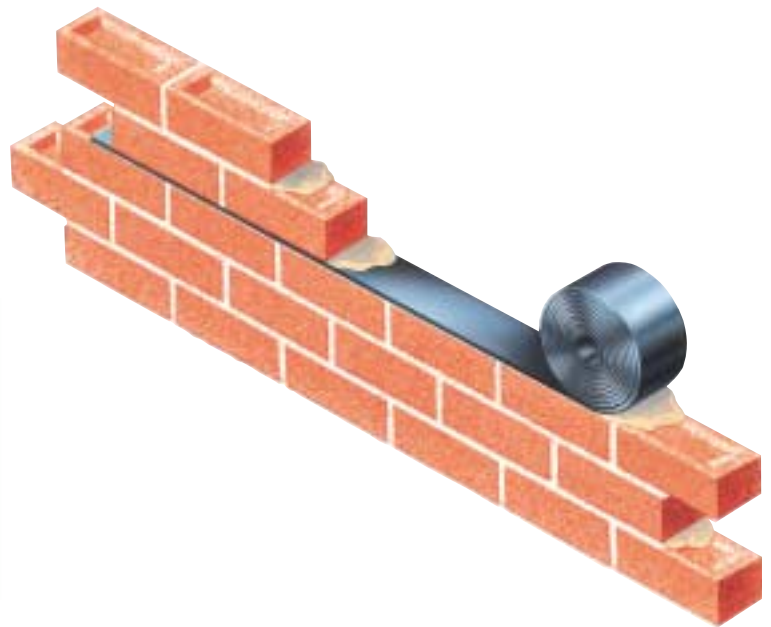


Caviroll Premium DPC



- British Standards general purpose roll DPC
- Durable, tough and puncture resistant
- Wide temperature scale flexibility
- Gripgrid surface
- Impermeable and homogeneous

DAMP-PROOFING

designers' comments

BS 6515 qualifies that DPC shall consist of black low-density polyethylene sheet having a mass in the range of 0.425 kg/m² to 0.54 kg/m², formed from a polyethylene polymer of a melt flow rate of 5 or less when measured according to BS 2782: Method 720A and having a density within the range of 0.915g/mL to 0.925g/mL at 23 degrees centigrade when tested in accordance with 620A, 620B or 620D of BS 2782. Methods 620A to 620D: 1980. The product is compatible with our Flashing Anchoring System and does not extrude under pressure.

technical observations

British Standard DPC with gripgrid surface. Impermeable. High tensile strength and elasticity. Branded with name and logo as proof of type and accompanying warranty.

Roll width	M ² per 30m roll	Weight Kg
100mm	3.00	1.28
112.5mm	3.375	1.44
150mm	4.50	1.92
225mm	6.75	2.87
300mm	9.00	3.83
337.5mm	10.175	4.81
375mm	11.25	4.79
450mm	13.50	5.74
600mm	18.00	7.65



problem

The requirement of a general purpose DPC suitable for horizontal and vertical damp-proofing of cavity walls.

introduction

The functional requirement of a DPC incorporated within a wall is to act as a barrier against the passage of water, whilst accommodating expansion, contraction and thermal changes of the building structure. Premium Caviroll DPC is designed for such purposes and applications.

solution

Premium Caviroll DPC is manufactured from solid polyethylene which conforms with BS 6515. It promotes excellent tensile strength and retains flexibility through a temperature range of -50 degrees up to +80 degrees centigrade.

Premium Caviroll DPC is a homogeneous material, possessing superior water impermeability. Both sides of the DPC have a gripgrid surface to promote adhesion and unity with the mortar. Premium Caviroll DPC is a clean and easy to handle material which is tough,

flexible and resistant against acidic and alkaline elements. It provides an economical method of satisfying the requirements of the Building Regulations, using a material manufactured to BS 6515.

sizes

Available in standard 30 linear metre rolls, in the following widths:- 100, 112.5, 150, 225, 300, 337.5, 375, 450, 600mm. Thickness 0.5mm.

material

Polyethylene, gripgrid surfaced.

colour

Black.

applications/ installations

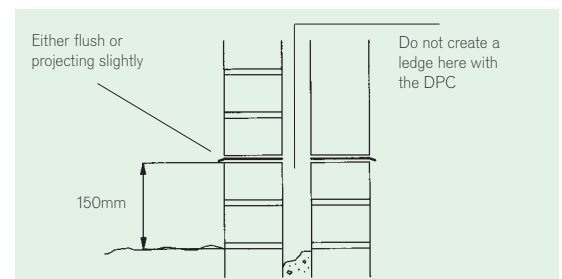
Caviroll DPC must be carefully unrolled and laid on mortar, observing the guidelines of BS8000, Part 3, 1989. When using Caviroll as a DPC at ground level in an external skin on a sloping site, ensure the Caviroll is stepped to suit. Always fully bed on an even flushed-up level surface of mortar, and ensure there is immediate continuity of mix and laying of the course above the DPC. Always lay continuous lengths for the full width of the masonry leaf.

Keep any joints to a minimum and cleanly lap 150mm. The weight of the masonry course above the Caviroll when laid immediately following the placement of the DPC will help promote good adhesion between mortar, masonry and damp course.

In a cavity wall with separate Caviroll DPCs in each leaf, ensure edges do not project into the cavity. The horizontal Caviroll DPC should preferably protrude slightly externally, in accordance with BS8000. The edge of the DPC should never be covered with mortar. Always select the Caviroll in a size to adequately cover the total width of the masonry in which it is to be installed, when creating horizontal DPC at ground level.

technical/mechanical details

No water-absorption. Waterpermeability -



0.00036 kg m²h atm. Tensile strength - 1.266 kg/mm². Tearing elasticity - 800%. Temperature scale flexibility from -50 degrees up to +80 degrees centigrade.

bill of quantity wording

Premium Caviroll DPC to BS6515, from Cavity Trays of Yeovil, Somerset BA22 8HU (01935 474769). Lay Premium Caviroll DPC to architect's detail, in accordance with good building practice. Do not dry bed. Observe manufacturer's instructions which accompany every consignment.

Total area in sq metres=... or alternatively
Total run including laps at ...mm girth =...
Request liability/conformity document upon completion.

ordering/regulations

See inside back cover for details.

phone 01935 474769 fax 01935 428223 email enquiries@cavitytrays.co.uk

Cavity Trays