Damplas **damp proof course**

BS 6515:1984

DESCRIPTION

Damplas DPC is manufactured for use within brick, stone and concrete walls and will provide a robust damp proof barrier to prevent the rise of damp in structure walls.

Made from recycled polythene materials Damplas DPC provides an environmentally friendly and extremely durable DPC guaranteed to meet British Building Regulations.

COMPOSITION

The Damp Proof Course (DPC) consists of black low-density polyethylene sheet having a mass in the range 0.425kg/mg^2 to 0.54kg/m^2, formed from a polyethylene polymer of a melt flow rate of five or less when measured according to BS 2782: Method 720A and having a density within the range 0.915 g/mL to 0.925g/mL at 23ºC when tested according to method 620A, 620B or 620D of BS 2782: Methods 620A to 620D: 1980.

When determined as described in Appendix A, the sheet contains a minimum of 2% by mass of evenly dispersed carbon black and shall contain not more than 5% by mass of material other than polyethylene.

THICKNESS

Nine specimens taken from a roll of DPC. material and measured as described in Appendix B shall have a single layer of thickness not less than 0.46mm.

MARKING AND PACKAGING

The finished DPC shall be packed in rolls of no less than 8m in length. Each roll shall be labelled legibly with the number and date of the Brisith Standard, BS 6515:1984

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FINISH AND IMPERMEABILITY

The sheet shall be free from air bubbles and when tested as described in Appendix C, shall have no visible pin holes. Note: a surface texture is permitted.

APPLICATION

Damplas DPC is compliant to British Standards 6515 for polythene DPC. It is suitable for withstanding a compressive load of up to 2.5 N/mm^2 as long as no lateral load is applied.

The DPC can be used in both vertical and horizontal applications to restrict the movement of upward and horizontal moving water within structure walls.

Damplas DPC is **unsuitable for use** in applications that place high sheer stress on the DPC, such as restraining walls or high flexible stress, such as freestanding walls and parapets.

The DPC **should not be used** to restrict the flow of downwards moving water such as above lintels or within cavity walls.

Suitable for use all year round this DPC is a highly versatile product and is subject to stringent quality controls to meet all British Standards.

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DAMPLAS

INSTALLATION

Installation should be according to the code of practice CP102:1973 and normal DPC good practice procedures set in BS 5628 should be followed.

Some brief guidelines on how to use the DPC are supplied below.

For external walls Damplas DPC should be applied 150mm above the adjoining surface and should be linked with the DPM in solid floors. The DPC should be applied to a fresh bed of mortar, completely free of projections that may puncture the material or impede the DPC from lying flat. When joining two pieces of DPC they should be lapped over each other by at least 100mm.

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