



HYDROPRUFE DPC-FR

NON-COMBUSTIBLE POLYMER DAMP-PROOF COURSE

DESCRIPTION

HYDROPRUFE DPC-FR is a unique, high performance, non-combustible fabric with a waterproof high temperature polymer coating to both sides, achieving A2-S1-D0 to EN13501-1. Hydroprufe DPC-FR is a fire rated solution for damp proof courses and cavity tray applications in multi-unit and high-rise buildings of all types where non-combustible materials and compliance with Approved Document B are of paramount importance even when used with site made corners.

The HYDROPRUFE DPC-FR solution comprises of the following parts:

- High performance adhesive sealant.
- Non-combustible fixing strips with pre-drilled holes.
- Preformed corners available on request.
- Stainless steel joint supports.
- Cavity wall weep vents.

ADVANTAGES

- Fire Resistant.
- Pitch Free
- Excellent performance in high load situations.
- System components for all applications including standard and bespoke pre-formed pieces.

PROCEDURE

Surface Preparation: The substrate HYDROPRUFE DPC-FR is to be installed shall be relatively smooth and free from excessive surface undulation.

Application: HYDROPRUFE DPC-FR should extend through the full thickness of the wall and must be laid on an even bed of wet mortar. Special care should be taken to make sure that the HYDROPRUFE DPC-FR does not become damaged or punctured during the construction phase. HYDROPRUFE DPC-FR lap should be a minimum of 100 mm and fixed using HYDROPRUFE DPC-FR ADHESIVE. Cavity tray laps to pre-formed cavity tray units, must be a minimum of 100mm and bonded using HYDROPRUFE DPC ADHESIVE. PREMCRETE TERMINATION STRIP should be used when the construction program or the design requires the HYDROPRUFE DPC to be post or surface fixed to the cavity face of inner leaf. The surface should be coated with HYDROPRUFE DPC-FR ADHESIVE and then the HYDROPRUFE DPC-FR should then be embedded into the adhesive and fixed securely using the PREMCRETE TERMINATION STRIP and suitable fixings at 300 mm centres.

Technical Information	Test	Results
Watertightness at 2kPa	EN 1928	Pass
Impact Resistance	EN14909 Method B	2,000mm
Thermal Ageing & watertightness	EN 1296:2001	Pass
Foldability at low temperature	EN 495-5:2001	-75 degrees C
Chemical Resistance and Watertightness	EN 374:2016	Pass
Tear Resistance		Mean value of 255N

PRODUCT INFORMATION

Available widths	300mm, 450mm, 500mm, 600mm, 700mm, 800mm and 900mm
Roll length	25m
Thickness	0.5mm
Weight	590 gr/m2
Shelf Life	N/A
UV Stability	+5c to +40c
Service Temperature	-75c to +80c
Storage	Product should be kept in covered storage conditions, in it's original packaging and vertically to prevent deformation. In these conditions the product's shelf life remains indefinite

COMPLIANCE

EN 13501-1:2018 Fire classification of construction products and building elements. This European Standard provides the reaction to fire classification procedure for all construction products, including products incorporated within building elements.

EN 14909:2012 This European Standard specifies the characteristics of flexible sheets of plastics and rubber intended for use as damp proof courses for buildings. It specifies the requirements and test methods and provides for the evaluation of conformity of the products with the requirements of this European Standard.

HEALTH & SAFETY

See separate material safety datasheet.



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