



Certificate No: EWS752M2



This certificate is valid for Building Regulations & associated technical guidance in force on the date of registration and for the regulations in the countries indicated

Polypipe Hycor F

Description of Product

Polypipe Hycor is an insulated cavity closer/cavity barrier which achieves a minimum of 30 minutes fire integrity and is suitable for severe weather condition areas. The cavity closers are made from high quality PVCu with corners, joining pieces and has clip in adjustable wall ties available to eliminate all waste.

Accepts any size or style of window system and does not require dry lining or plaster to conform to Building Regulations and can be manufactured to suit step reveal applications, the closer also provides 30min fire resistance.



Key Factors Assessed

- ☐ Mechanical Resistance & Stability
- ☐ Safety in case of Fire
- ☐ Safety in Use
- ☐ Durability serviceability and identification

Validity

This certificate was first issued on 7th July 2016 and is valid until 7th July 2020.

Issue Dated 7th August 2017

Scope of Registration

The product range is categorised as follows:

Product Code	Product Sizes	Product Dimensions	Pack Size	Material	Insulation Material	K Value W/mK
Sub-Frame System	Made to order	Made to Order	-	PVCu Plastic body	Paroc Stonewool slab 140kg	0.037

Ready to install kits can be supplied to developers that provide a window and door schedule and is easily installed as a sub frame that can then be built around.

Suitable for cavity sizes 50mm, 75mm, 85mm, 100mm and 120mm.

The cavity reveals to an external wall offer an effective barrier to the passage of moisture across the cavity and the products are suitable for use in exposure categories up to and including 'very severe' as defined in Table 11 of BS 5628-3 : 2005 which covers all exposure zones in the United Kingdom.

Conditions of Certificate

The product is non-loadbearing and must not be used to support loads from masonry, window frames, or any other form of permanent or variable action. The product is not a substitute for cavity wall ties.

The product should not be relied upon to provide fire resistance to elements of structure (including steel lintels).

Closer sections should be stored inside a building. If outdoor storage can't be avoided, they should be stacked clear of the ground and protected with a weatherproof covering. If the insulation core has been allowed to get wet it should not be used.

The cavity closers will act as a cavity barrier at the opening (with respect to the effect of fire penetrating into or out of the cavity), providing a minimum 30 minutes fire resistance with respect to both integrity and insulation provided that the closers fit tightly in the cavity.

Suitable fire protection is still required to steel lintels where this is necessary to satisfy the Building Regulations.

For LABC Warranty purposes:

BBA certificate must remain valid.

Installation must be in strict accordance of the BBA certificate.

The products are designed to be installed by a general builder or contractor, experience with these types of products.

For Scotland purposes:

The specifications and materials referred to have been assessed in accordance with the Building (Scotland) Regulations 2004 and in accordance with the supporting guidance in the Domestic Technical Handbooks which came into force with effect from 1 July 2017.

Where reference is made on a plan or specification document to any Code of Practice, British or European Standard or manufacturer's instruction it shall be construed as a reference to such publication in the form in which it is in force at the date of this Registered Detail.

The materials specified shall be for purposes of this Registered Detail and should not be changed without first gaining approval so to do from Local Authority Building Standards Scotland [LABSS]. Failure to do so will invalidate the Registered Detail.

This Registered Detail should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Act 2003 enacted from 1 May 2005.

This Registered Detail shall contribute to compliance with relevant Mandatory Standards specified under the Building (Scotland) Regulations 2004 as amended when read with the scope, conditions and regulations sections to this Registered Detail.



LABC and LABSS consider that, Hycor F will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met;

The Building Regulations 2010 (as amended) England & Wales

Regulation 7	Materials and workmanship
Note:	The product is acceptable.
AD B	Fire Safety
Note:	The product is acceptable.
AD C	Site preparation and resistance to contaminants and moisture
Note:	The product is acceptable
AD L	Conservation of fuel and power
Note:	The product provides reveal detailing for building compliance with approved doc L. It also effectively closes the cavity void with regards to air tightness and cold bridging reduction.



The Building Regulations 2010 (as amended) England

AD B	Fire Safety
Note:	The product is acceptable.
AD L1A	Conservation of fuel and power
Note:	The product provides reveal detailing for building compliance with approved doc L. It also effectively closes the cavity void with regards to air tightness and cold bridging reduction.



The Building Regulations 2010 (as amended) Wales

AD B	Fire Safety
Note:	The product is acceptable.
AD L1A	Conservation of fuel and power
Note:	The product provides reveal detailing for building compliance with approved doc L. It also effectively closes the cavity void with regards to air tightness and cold bridging reduction.



The Building (Scotland) Regulations 2004 (as amended)

Regulation 8	Durability, workmanship and fitness of materials
0.8.5:	Ways of establishing the fitness of materials
Note:	The product is acceptable if supplied and installed in accordance with the manufacturer's specifications and instructions.
Regulation 9	Building Standards applicable to construction
Note:	Construction shall be carried out so that the work complies with the applicable requirements of schedule 5.

Mandatory Standard 2.4 Note:	Cavities The product can contribute to meeting Clauses 2.4.1 if supplied and installed in accordance with the manufacturer's specifications and instructions. The product will achieve a short fire resistance duration as defined in Table 2.7 of the Domestic Technical Handbook (construction types 9 and 10), and Table 2.19 of the Non-Domestic Technical Handbook (construction types 11 and 12).
Mandatory Standard 3.10 Note:	Precipitation The product can contribute to meeting Clauses 3.10.3 if supplied and installed in accordance with the manufacturer's specifications and instructions. The product is suitable for use in exposure zones up to and including zone 4 (very severe) provided a check reveal is employed. Refer to BRE Report BR 262 section 3.1 for further guidance on exposure zones.
Mandatory Standard 6.2 Note:	Building Insulation Envelope The product can contribute to meeting Clauses 6.2.3 Domestic, 6.2.5 Non-Domestic, 6.2.10 Domestic and 6.2.12 Non-Domestic if supplied and installed in accordance with the manufacturer's specifications and instructions. The declared thermal conductivity of the insulation is 0.037 W/mK.
Mandatory Standard 7.1 Note:	Statement of Sustainability The product can help a building achieve compliance with part (a) and/or part (b) of Standard 7.1. A building's actual level of sustainability would be determined on a case-by-case basis as part of the building warrant assessment process.

Non-Regulatory Information



LABC Warranty

LABC Warranty conditionally accepts the use of Hycor F when installed and used in accordance with the Scope and Conditions of this Certificate. Visit www.labcwarranty.co.uk for our LABC Warranty Technical Manual requirements and Warranty conditions of acceptance.

Supporting Documentation

BBA Certificate 08/4616 Product Sheet 1

Paroc Pro Slab 140KG data sheet

Visqueen Polyethylene DPC data sheet CE Mark to EN14909 Jablite Agrément Certificate 96/3215

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