

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

Timloc Building Products – Thermo-loc Platinum Multi cavity closer

Description of Product

This is an assessment of Thermo-loc Platinum Multi, an insulated cavity closer suitable for second fix applications, around window and door openings in masonry, timber or steel frame cavity construction. The function of the product is to provide an insulated DPC at jambs and sills at window and door openings, thereby reducing condensation, and alleviating cold bridging and mould growth in those areas. The rigid uPVC profile, housing 20mm thick expanded polystyrene insulation is supplied in two standard profiles to accommodate cavity widths 50-100mm (Thermo-loc Platinum Multi 100) and 100-150mm (Thermo-loc Platinum Multi 150).

Please consult the 'Conditions of Certificate' and 'Non-Regulatory Information' sections to see if the product is acceptable for use on sites covered by LABC Warranty.



Key Factors Assessed

- Health, Hygiene and Environmental
- Safety in Use
- Energy Economy and heat retention
- Durability serviceability and identification

Validity

This certificate was first issued on 25th November 2021 and is valid until 25th November 2022
Issue Dated 25th November 2021

Scope of Registration

This registration applies to Thermo-loc Platinum Multi cavity closer only.

The product is supplied in two profile widths (100mm and 150mm), comprises a rigid, extruded uPVC T-section profile with a 20mm deep Platinum expanded polystyrene insulation infill.

The product can be cut to the required cavity width (as required), it is then friction fitted between the inner and outer leaves of the cavity wall and fixed with nails through the flange for additional security. A minimum overlap of 30mm with the window or door frame is required to meet the requirements of the Accredited Construction Details.

The product is for use in second fix applications only, by pushing into the open cavity after the building work is completed. It can be easily trimmed on site to accommodate 'rogue' cavity widths, with pre-cut groves in the EPS insulation layer at 50mm, 65mm, 75mm, and 90mm increments in Standard Profile Multi 100 and 100mm, 115mm, 120mm & 125mm in Standard profile Multi 150. The manufacturer advises fixing nails to the flanges to ensure a secure fit.

The product should be installed in full lengths (cut to size) to each jamb and sill (manufactured in 2.4m lengths), with jamb section overlapping with the sill section, by cutting away part of the fixing flange, thus maintain any water runoff in the cavity. The jamb and sill sections should be accurately measured, as this profile is not suitable for butt jointing if sections are cut short. The jamb sections should be butted up to the underside of the lintel to alleviate cold bridging. On installation the wall insulation must abut the Platinum Multi cavity closer to maintain continuity of the thermal envelope.

The manufacturer advises that this product is only suitable for flush reveals (not rebated or checked reveals), and is therefore not suitable for use in severe or very severe exposure areas, (The T-shaped profile, will not accept a fixing tie, or allow butting up to back of protecting outer leaf, as per Accredited Detail MCI-WD-06).

A minimum overlap of 30mm between window frame and Platinum Multi cavity closer is required, as per the DCLG Accredited Construction Details for Masonry, Timber and Steel frame construction. The product has a declared Thermal Conductivity of 0.031W/mK and a thermal resistance path of 0.95m²K/W, which will also comply with the requirements of these details (MCI-WD-05 requires not less than 0.45m²K/W).

LABC consider that, Thermo-loc Platinum Multi cavity closer 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) at the date of current issue

In England and Wales: Regulation 7

In England:

In Wales:

Note:

In England: AD C

In Wales: AD C

Note:

AD L

In England: AD L1A (2016)

In Wales: AD L1A (2016)

In England: AD L1B (2018)

In Wales: AD L1B (2016)

In England: AD L2A (2016)

In Wales: AD L2A (2016)

In England: AD L2B (2016)

In Wales: ADL2B (2016)

Note:

Materials and workmanship

2013 edition including 2018 amendments

2013 edition including 2020 amendments

The product is acceptable.

Site preparation and resistance to contaminants and moisture 2004 including 2010 and 2013 amendments

Site preparation and resistance to contaminants and moisture 2004 including 2010 amendments

Subject to limitations detailed under Conditions of Certificate.

Conservation of fuel and power

Conservation of fuel and power in new dwellings

Conservation of fuel and power in new dwellings

Conservation of fuel and power in existing dwellings

Conservation of fuel and power in existing dwellings

Conservation of fuel and power in new buildings other than dwellings

Conservation of fuel and power in new buildings other than dwellings

Conservation of fuel and power in existing buildings other than dwellings

Conservation of fuel and power in existing buildings other than dwellings

Subject to limitations detailed under Conditions of Certificate.



The Building (Scotland) Regulations 2004 (as amended)

If you would like to discuss a specific use of the product in Scotland it will require an additional assessment under the Scottish Building Regulations and accordingly you should contact the LABSS STAS Administrator at www.labss.org

Non-Regulatory Information



LABC Warranty

The Thermo-loc Platinum Multi cavity closer has not been assessed by LABC Warranty.

Supporting Documentation

PAL Extrusions uPVC profiles- PAL Group

Platinum EPS Declaration of performance- Polypearl Moulded Products

Ace Adhesives- adhesive suppliers.

Declaration of Minimum Thermal Resistance Path, Platinum EPS

Thermo-Loc Platinum Multi- Timloc Data sheet

Items that should be provided in conjunction with the LABC Assured certificate as part of an Application to determine compliance:

- Not to be used in areas of severe or very severe exposure. Manufacturers' installation guidance.

Items that should be provided in conjunction with the LABC Assured certificate as part of the Inspection regime to determine compliance:

- Manufacturer's installation guidance

Items that should be provided in conjunction with the LABC Assured certificate as part of a Completion to determine compliance:

- Manufacturer's installation guidance

Contact Information

Timloc Building Products

Timloc House

Ozone Park

Howden

DN14 7SD

Tel: 01405 765 567

Email: technical@timloc.co.uk

Web: www.timloc.co.uk