

Case Study: Solidor Period Property Installation



Your front door helps to define the character of your property but getting it right requires a little thought and attention to detail as this installation in a Victorian semi-detached property shows.

Property

Victorian red-brick semi detached

Door Specification:

Solidor thermally efficient 48mm solid timber core door; robust through colour thermoplastic skin featuring realistic wood-grain; low threshold

Door style: Ludlow with top-light

Colour: Painswick

Glass: London Etch Border

Lock: Heritage slam shut lock

Cylinder: Ultion high performance Secured by Design door cylinder

Handles: Heritage pull-knob in chrome

Furniture: Letter plate and Doctor handle door knocker in Chrome

Top-light

Customer bespoke design



Additional information
Finished in timber bull-nose

KJM fitting team: Brett and Scotty

With the old timber door showing signs of wear and tear, the owner of this Victorian property was sensitive to the importance of retaining the property's period character but at the same time wanted a more secure and thermally efficient door.

Following consultation with KJM Group's sales team, they opted for a high performance 48mm low maintenance and energy efficient, Solidor composite door.





Unique, in that it features a solid timber core, while a tough through-colour thermoplastic skin, recreates the appearance of natural wood grain in a low maintenance door, designed to stand up to the weather and all life throws at it.

This was finished in Painswick, a subtle green-grey colour. Ideally suited to period properties, in this case it complements the red-brick work, picking up on the tones of the original Victorian pointing.

The design also includes a top-light. Designed to the customer's specification, this repeating pattern contrasts and complements the door, with blue tones and a white border.

Energy efficient Door glass is in a London Etch finish, an unfussy design, which provides privacy but also just a little additional interest.



The finishing touches are put to the door with chrome furniture including Doctor door knocker and heritage handles.



While the frame remains a white low maintenance, secure and energy efficient PVC-U installation, it and the door as a whole is blended into its surroundings using specially fabricated bull nose timber.

All Solidors are supplied in a police approved Secured by Design specification as standard. This includes a high-performance anti-pick and anti-drill lock cylinder. This is manufactured in resistance sections. These are 'sacrificed' when the door cylinder is making access to the central core, manufactured from Molybdenum – an alloy 25 per cent denser than iron - far more difficult.

As with all period properties, installation threw-up its own unique set of challenges. This included the preservation of original Victorian coving inside the property while old timber lintels were removed.



The door also had to be set square. While the Victorians enjoy a reputation for the prowess of their engineering achievement, this didn't always apply to everything which they built.

This meant that the old timber frames had to be taken back to the wall and plaster cut back to accommodate new treated timber inserts. The door was then carefully 'packed' inside this new structure so that it was square and operated correctly.



Given the complexity of the job, the installation took a full day. Most composite door installations and those into newer properties normally take just a few hours.

Watch the time lapse [here](#)

Alternatively contact a member of our team for more information on 01264 359355 or by email sales@kjmgroupp.co.uk