

Complete New Windows

Overview

Ventrolla can manufacture and install a complete range of single and double glazed windows. As with our replacement sashes, Ventrolla manufacture sashes using traditional carpentry methods, including 'through' glazing bars and putty fronted which helps replicate an authentic feel and look to your new window.

All our new sashes include the unique VPSS draught system that has been tested to BS 6375-1 2009 Class 3, which is equivalent to 71mph winds. The system is fitted by routing grooves into the mid-rail and bottom rail in the sashes, and within the inner face of casement windows, to which a pile carrier is fitted and appropriate height weatherfin pile installed.

New Single and Double Glazed Windows

When historic protection applies or double glazing is not an option we would manufacture and design a complete bespoke single glazed window to your exact requirements or replicate existing windows. The sashes shall be manufactured from Accoya with Sapele hardwood sills and the remaining elements constructed from treated Redwood. When double glazing is required we would again manufacture and design a complete bespoke window to your exact requirements. The glazing bars for the sashes would be selected from our range of beautiful glazing moulds which are hand manufactured and finished to provide an outstanding bespoke window. The new windows shall be supplied sprayed with high build base coat Teknos 3130 and anti-stain primer Teknos Antique White ready for final finishing coat by others.



Bespoke new timber window crafted at our joinery workshop

New double glazing and bespoke joinery installed into a Victorian property.



Glazing Specification:

Single Glazing - The glass for your new sash can be chosen from 4mm float (modern flat glass), 3mm Dutch light (slight distortion), 3mm drawn glass (moderate distortion) or various patterned glass options (please ask your surveyor for more information). Toughened and laminate glass can be used where either building regulations apply or security and safety is required or necessary.

Double Glazing - We only use the best quality glazing units and never compromise our standards; all our units conform to the very latest British Standards requirements BS EN 1279 parts 1-6.

The slim 16mm double glazed units with white or black spacer bar and dual edge seal technology have Saint Gobain Planitherm Total+ glass and a Krypton filled cavity.

Equivalent U-Value information:

- Centre Pane U-Value of 1.3 Wm²K
- Total Window U-Value of 1.6 Wm²K (equivalent to WER C)