




[Home](#)Signed in as Ventrolla | [sign out](#)**RIBA # Enterprises****Ventrolla - L10 210****Support information:**

 **Frequently asked questions:** [How does NBS Plus work?](#) | [How do I comment on my NBS Plus product data?](#)

 **Quick links:** [Home](#) | [My products](#) | [How my products appear in NBS](#) | [Print this page](#)

 **Resources:** [NBS Newsletter, Journal and eNewsletter](#) | [Terms and Conditions](#), [Disclaimer](#) and [Using the NBS Plus logo](#)

 **Contact details:** [nbsplusproduction@thenbs.com](mailto:nbsplusproduction@thenbs.com) | T: 0845 456 9594

The information below is the Ventrolla Ltd NBS Plus entry for NBS clause 210 WOOD WINDOWS in L10 Windows/ Rooflights/ Screens/ Louvres.

**Ventrolla Ltd**

[www.ventrolla.co.uk](http://www.ventrolla.co.uk)  
[info@ventrolla.co.uk](mailto:info@ventrolla.co.uk)

T: +44 (0)1423 859323

F: +44 (0)1423 859321

Ventrolla House, Crimple Court, Hornbeam Business Park, Harrogate. HG2 8PB



This NBS Plus page covers **specialist sash window renovation and performance upgrade** relating to clause **210 WOOD WINDOWS** in **L10 Windows/ Rooflights/ Screens/ Louvres**.

For more NBS Plus information from this company, see the [Ventrolla Ltd overview page](#) which includes a [clause list](#) and a [product list](#).

**Products from Ventrolla Ltd**

Ventrolla offer a service to renovate, repair and improve original sliding sash windows.

**The Renovation Process:**

- Sliding sashes are carefully removed and the condition of timber, cords, glass and pulleys individually checked.
- Decaying wood is removed to expose sound repairable wood, or, if beyond repair, original profiles can be matched and timber spliced.
- Two-part epoxy resin is moulded to match exact profile of original window.
- All cords are renewed, pulleys serviced and sash weights adjusted to ensure smooth operation of sash window.

The same system of renovation can be applied to casement windows and doors. Consultation early in the design process is recommended.

**Specialist sash window renovation and performance upgrade**

Ventrolla's unique Perimeter Sealing System and Wood Repair System mean renovation rather than replacement, so that all the charm and original character of sash windows can be retained.

Traditionally, a sash window requires a 3 mm gap around the sashes for functionality. Inevitably, this gap allows in draughts, dust and noise and is the source of annoying rattles. The installation into each window of the patented Ventrolla Perimeter Sealing System seals this gap and actually improves on the original by:

- Eradicating rattles.
- Eliminating draughts.
- Minimizing dust & dirt ingress.
- Increasing the energy efficiency.
- Reducing external noise.

All work is done from inside the building negating the need for expensive scaffolding. Windows are always left secure and weatherproof overnight.

More about Specialist sash window renovation and performance upgrade: [As standard](#) - [Options](#) - [Further information](#).



 **210**  **SPECIALIST SASH WINDOW RENOVATION AND PERFORMANCE UPGRADE:**

- **Manufacturer:** Ventrolla Ltd.
  - Web: [www.ventrolla.co.uk](http://www.ventrolla.co.uk).
  - Tel: +44 (0)1423 859323.
  - Product reference: Specialist window renovation.
- Window type: [Sash].  
[Casement].  
[As drawing ???].
  - Location: [As drawing ???].
- Renovation and performance upgrade service: Required.
- Sash removal system: [Not Required].  
[Required].
- Sill replacement: [Not Required].  
[Required].
- Ironmongery: [Not Required].  
[Replace existing].

Add as L10 210A

[top ^](#)

## Guidance for Specialist sash window renovation and performance upgrade from Ventrolla Ltd

More about Specialist sash window renovation and performance upgrade: [As standard](#) - [Options](#) - [Further information](#).

### As standard

#### Renovation and performance upgrade service:

This service includes:

- Staff beads, parting beads and sash cords removed and discarded.
- Sashes are eased by removing excess paint build-up, released and brought into the building.
- Adjustments made to ensure min 3mm gap between upper sash face and parting bead face.
- Mid rail and lower rail of bottom sash routed to profile of pile carrier.
- Pile carriers fitted into the mid and bottom rails of lower sash and the new staff beads.
- Where specified, Ventrolla sash cord brake and detachable sash cord holder threaded on to each new sash cord. Sash edges routed to allow mounting of invisible Sash Removal System.
- Ventrolla parting bead snapped into the new U Section installed into the existing parting bead groove.
- Weatherfin pile weather-stripping size selected and inserted as appropriate to width of gaps to be sealed.
- Sash weights are adjusted to balance sashes.
- Sashes re-hung and checked to ensure easy sliding.
- New staff beads mitred or butt jointed and fitted by pinning, brass screw and cup, or easy release clips.
- Exposed bare wood is painted with white acrylic primer to BS 5082.

#### Perimeter sealing system performance:

Air permeability: To BS EN 12207 Class 3 and BS 6375 (600 Pa), independently assessed by British Board of Agrément (test report number 2756).

Draught strips: To BS 7386.

Sound insulation: Independently tested and proven to fall within the 6 to 10dB noise reduction range. Performance verified by Hanns Tucker Acoustic Engineers.

#### Ventrolla Wood Repair:

Ventrolla wood repairs are undertaken using Ventrolla VR90, formulated to give long lasting wood repairs beyond those normally carried out using conventional polyester wood fillers. VR90 is a two-part resin system and is designed to be used to impart the original strength to sash tenon joints, to fill large cavities in sills and to act as a powerful adhesive. It completely bonds with the parent wood and flexes when the wood contracts or expands. To achieve this bond, all decayed wood is removed exposing only sound wood. This is then stabilised using VR90 WS solution which penetrates the wood fibres to attain the permanent anchorage for the subsequently applied VR90 filler.

### Options

#### Sash removal system:

The Sash Removal System is a unique hidden method which allows the quick and easy removal of both top and bottom sashes internally. Staff beads can easily be detached from the window giving access to the bottom sash. Using the plastic cord holder, the sash cord can be unclipped from the window which allows the bottom sash to be completely removed. The parting beads can also be removed, allowing access to the top sash. The Ventrolla sash removal system allows all components of the window to be removed internally and brought into the building for convenient maintenance and painting, thereby avoiding the need for

external scaffolding.

**Sill replacement:**

Replacement sills can be provided to match original profiles. The original bottom section of the box linings is removed and Sill trenches are cut, the outer and inner linings are spliced to facilitate a flush and water tight finish.

**Ironmongery:**

A wide range of specialist locks and catches are available.

**Further Information****Literature:**

 Additional information may be available for Ventrolla Ltd from [ribaproductselector.com](http://ribaproductselector.com).

**Contacts:**

[www.ventrolla.co.uk](http://www.ventrolla.co.uk)

[info@ventrolla.co.uk](mailto:info@ventrolla.co.uk)

T: +44 (0)1423 859323

F: +44 (0)1423 859321

---

NBS Plus

Ventrolla, NBS Plus Approval Site, 30 January 2009

[nbsplusproduction@thenbs.com](mailto:nbsplusproduction@thenbs.com) | T: 0845 456 9594