



Installation instructions

BB nuance

compact vanity surfaces

Before you start

Please inspect product fully prior to cutting, jointing or installation; noting colour, texture and edge appearance. Any consequential fitting cost's in reference to these visible discrepancies will not be accepted following installation.

Handling and planning

Handling

Before handling please ensure adequate manpower is available to safely lift the vanity surface.

Vanity surfaces should always be carried by two people. When carrying manually, we advise that it is held vertically along the width. Do not carry flat.

Nuance compact vanity surfaces should always be stored flat, level and ideally kept in the environment where they will be fitted for 24 hours to correctly condition them.

Planning

The positioning of the joints is very important so careful planning is required to achieve the best results. Joints should not extend across any basin cut out.

Thermal expansion

Thermal expansion for Nuance compact is 1mm for every metre.

Installation tools

- **Hand held circular saw**
Use a circular saw with high quality TCT triple chip blades for a fine finish cut. Plunge type saws are preferred, leaving a more precise finish.
- **Extraction Unit**
- **Hand Router**
A hand router can be used for the final sizing of exposed edges. Allow at least 2-3mm oversize for final pass. A variable rotation speed and high quality double flute tungsten carbide tipped cutter is used for straight cuts, mitre joints and cut-outs.
- **Biscuits Jointer**
Biscuits help strengthen and align joints and are mandatory. Use No.20 size biscuits.
- **Palm Sander**
- **Finishing kit**
Finishing exposed edges and under-mount sink inserts (pk12)
- **Electric drill**
Standard high-speed drill bits and Bi-Metal hole saws are suitable for Nuance compact vanity surfaces.

DO NOT USE AUGER OR SPADE BITS!

- **Edge/profile trimmer**
Use to apply a profile on any exposed cut edges use a roller guided trimmer with a profile TCT cutter.
- **Suction clamps**
Use to pull surface joints together.
- **G clamps**
- **Hot melt adhesive gun and wooden blocks**
Use to pull surface joints together.
- BB Complete colour matched to the vanity surface for joints and sealing basins.
- White Spirit and lint free cloths.

Cutting

Nuance compact vanity surfaces are hardwearing and require maintained equipment and clean, sharp cutters to produce a professional finish that ultimately saves time and effort.

Cutting Nuance compact vanity surfaces can be carried out using a portable hand-held circular saw. Plunge type saws are preferred. Positioning the decorative face up or face down depending on blade type gives best cutting results.

- Using a circular saw fitted with a TCT triple chip blade following a guide rail or straight edge plunge in three stages of 4mm depth increments and complete the cut.
- All joint edges and final finished ends can be skimmed using a hand router with a sharp cutter. Allow for 2-3mm for final skim to size.
- Slow or soft start tools must achieve full speed before cutting to avoid burning.
- Ensure all surfaces are adequately supported during all cutting processes.
- Having a sharp saw blade or router cutter is the key to a thoroughly unassuming joint.

Scribing

When scribing the vanity surface to the wall with a circular saw or jigsaw (metal cutting blade), sand top and bottom edges to remove any chipping that may have occurred during cutting.

AVOID LEAVING SQUARE OR SHARP INTERNAL CORNERS!

Jointing & Bonding vanity surfaces

BB Complete is a colour matched moisture curing MS polymer ideal for sealing the joint between two surfaces.

BB Complete adhesive is also available as a non-pigmented version which is ideal to bond directly to the cabinets.

When bonding to cabinets best practice is to apply a few beads to the mounting batten or rear of the cabinet, single bead of BB Complete adhesive on the front edge of the cabinet to bed the surface onto.

Joint layouts - straight, corner and peninsula

Nuance compact vanity surfaces are supplied with slightly softened edges on all sides. All joints can be formed in two ways; either use your standard worktop jig to router a mason mitre arrangement or simply trim any excess with a straight edge and router to form a butt joint.

Jointing assembly

- The surface edges to be bonded together must be machined, straight and square ensuring both surfaces are exactly parallel to secure a good discreet joint.
- Using a biscuit jointer cut pockets to suit No.20 biscuits. Cut 4mm down from the top face. Typically, 5 to 6 biscuits per joint minimum!
- Pull together the two pieces to be joined dry fit only. If gaps or chipping have occurred re skim. Clean the surfaces to be joined.
- Apply BB Complete coloured sealant to the biscuit grooves and a bead along the joint.
- Bring the two surfaces together and align the front edges and level top surface
- using either of the two methods below;

Suction cup method

This is the easiest method to pull both edges together and level the joint.

Hot melt blocks method

Wooden blocks can be adhered temporarily to the surface using hot melt adhesive, using G-clamps to pull the two surfaces together. Wait 15-20 minutes before cleaning the excess BB complete coloured sealant from the surrounding surface of the joint with White Spirit and a lint free cloth.

After an hour the clamps can be removed take care when doing so to ensure the join remains fully closed. Blocks should be lightly tapped to remove and any residue removed with a laminate scraper and white spirit.

Excess coloured sealant must be removed at this stage from the joint before it cures.

Basin Installation

Nuance compact vanity surfaces are

ideally suited for counter mounted basins.

- The distance between the basin position and an adjacent seam joint must be a minimum of 150mm and a minimum of 40mm from the front edge of the surface.
- Place the basin on the face of the surface and mark the position of the waste with a soft pencil. Application of masking tape helps on darker colours.
- Ensure all surfaces are adequately supported during all cutting/drilling processes.
- Refer to the manufacture's guidelines for advice on size of waste to be cut, select the appropriate bi-metal hole saw, gently drill the hole taking your time to clear dust away from the blades of the hole saw. **Support the waste piece at all times.**
- Repeat for the tap hole/s
- Once the waste/tap holes are complete, gently rub the inside of the cut-out with a 180-grit sandpaper to smooth the edges and eliminate any potential micro-fractures.
- Following the manufacturers installation instructions for the basin insert the waste and seal appropriately. BB Complete coloured sealant is ideal for this between the surface and basin.
- Remove any excess BB Complete coloured sealant using white spirit.
- BB Complete coloured sealant requires 24hours to become totally waterproof.

Top Tip: Support your Nuance compact vanity surface as you work through each process particularly at the point of creating the basin cut-out as this could lead to a temporary weakening of the surface.

Add the Luxury of a ceramic undermount basin

Please note: When fitting ceramic undermount basins with Nuance compact vanity surfaces please refer to the basin manufactures instructions for correct support and fitting information.

Face cut-out

- Position the surface face up or face down depending on blade type, and mark out the basin centre with a pencil.
- Using the manufacturers template create your jig from smooth 6-9mm mdf, centralise the jig and clamp in place using four clamps, one at each corner. A piece of the jig material should be used to support the router to stop any potential tipping.
- Cut into the face of the surface with a router fitted with a 30mm bush guide and ½ inch router cutter, cutting in 3 stages of 4mm depth

increments, taking care to keep the router cut vertical during each cut. Support the waste piece at all times!

- Using an edge profile/trimmer, profile the inner edge using a radius or chamfer cutter with a bottom bearing.
- Finish the cut-out inner edge using a palm sander with 180 grit paper followed by 240 grit finishing with 320 grit and scotchbrite pad.

Keeping the pads flat and away from the decorative surface at all times!

Fitting the basin

- First check the basin fits by assembling a dry fit. Place the inverted basin on the underside of the cut-out to confirm it centres when viewed from the face of the surface.
- Place and mark where the basin clips are to be secured. Using the drill bit included with the undermount basin inserts drill a pilot hole to a depth of 8mm place the brass insert into the hole and tap in lightly using a small hammer, ensuring that the opposite side of the material is adequately supported to avoid unwanted breaking.

Once satisfied with the final fit and clip location, remove all clips and the basin in preparation for the final installation.

Final installation

- Thoroughly clean the two joining faces of the basin lip and the underside of the surface around the cut area.
- Apply BB Complete coloured sealant to the lip of the basin ensuring no gaps. Position the basin applying gentle pressure all round ensuring the BB Complete coloured sealant squeezes out on both the back and face edges of the cut-out creating a solid, waterproof bond. Centralise the basin and then tighten the basin clips using a screwdriver DO NOT OVERTIGHTEN!
- Turn over the surface and check sink position, then scrape off any excess BB Complete and clean up with White Spirit.
- It is recommended to allow 24 hours before using the sink.

Top Tip: Additional support or framing may be required to correctly support Large undermount basins, please check with the manufacturers installation advice.

Profiling edges

- To match any exposed cut edges to the manufactured edges, simply use a 240 grit sandpaper attached to a palm sander to lightly soften the edge, the recommended profile

is square but this will remove the sharpness of the raw edge.

Keeping the pad flat and away from the decorative surface at all times!

- For a more curved profile appearance, select a pencil round of 1-2mm. Ensure all router blades are sharp and chip free and all bearings in the router and cutters are sound, to prevent router chatter and deep cutting.
- Always use a router/trimmer fitted with a bottom bearing radius cutter.
- Finish the exposed edge using a palm sander with 180 grit paper followed by 240 grit finishing with 320 grit and scotchbrite pad.

Keeping the pads flat and away from the decorative surface at all times!

Top Tip: Always router into the face, this will reduce the possibility of chipping and flaking.

Finishing

Nuance compact vanity surfaces are supplied finished with no polishing or oiling required to the surface.

- Finish all exposed edges using a palm sander with 180 grit paper followed by 240 grit finishing with 320 grit and scotchbrite pad. Keeping the pads flat and away from the decorative surface at all times!
- Ensure the sander is moved constantly over the exposed front edge keeping it flat on the edge and avoid tipping as this will cause a rounding effect.
- Wipe the edge surface clean with a damp cloth between each pass to remove abrasive particles.
- This process will remove any saw or router tooling marks and provide a smooth appearance to the edges.

Care and Maintenance

Cleaning and care

Nuance compact vanity surfaces are easily maintained and simply require a regular wipe down with water and a mild detergent and gentle buff to dry.

Staining

Nuance compact vanity surfaces are solid and non-porous making them resistant to stains, mould, mildew and bacteria growth. We recommend normal everyday spills be wiped away without delay using a damp cloth to avoid any potential staining.

Please Note: DO NOT use acidic or abrasive cleaners, expose the laminate to household bleach for prolonged periods of time, or apply excessive scrubbing.

Darker colours will show excessive wear & tear more noticeably than lighter ones.



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