gold winner

designer kitchen & bathroom
awards 2014

Installation instructions

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smart surfaces | clever ideas

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BUSHBOARD
A WILSONART COMPANY

Nuance is designed to be installed without metal trims, as the core is synthetic, homogenous and totally waterproof.

Flexible runs using combinations of 600mm and 1200mm T&G panels are finished at open ends with elegant postformed components, and bonded in place, jointed, and seamed using moisture curing Complete adhesive and coloured sealant.

The resulting finish is neat, elegant and uncluttered by aluminium trims.

Product Specifications

Laminated panel composition Nuance - High pressure laminate decorative finish to front face and plain colour to rear face 10mm synthetic, homogenous, waterproof substrate.

Nuance Designer – Directly applied decorative finish to front face and plain colour to rear face of 10mm synthetic, homogenous, waterproof substrate.

Nuance Acrylic is covered in a separate document available on our website or with every panel: www.bushboard.co.uk

Laminated worksurface composition
High pressure decorative laminate applied to 28mm, PEFC certified chipboard, balanced with resin impregnated paper to the reverse and protected by a PUR under-edge seal.

Laminated panel sizes and weight (Nominal)
- 2420 x 1200 x 11mm 8mm radius 1 postformed long edge + 1 long edge with tongue (26kg)
- 2420 x 1200 x 11mm tongue and groove (26kg)
- 2420 x 600 x 11mm tongue and groove (13.5kg)
- 2420 x 160 x 11mm 8mm radius 1 postformed long edge + 1 long edge with tongue (4kg)
- 2420 x 580 x 11mm 8mm radius 2 postformed long edges (13kg)

Complete adhesive and coloured sealant
This must be used to validate the 15 year guarantee.

It is a specially formulated moisture curing MS Polymer in standard 290ml cartridges.

- Waterproof, UV stable, with excellent grab adhesion, gap filling properties and no shrinkage
- Spillages and smears can be easily cleaned immediately using white spirit.
- Odourless with no toxic fumes.

Storage
All Nuance products must be stored in their original packaging at room temperature,

face up, off the floor and fully supported, remaining flat at all times. Failure to do so may induce bowing.

Health and safety
Nuance wall panelling and adhesives are not known to be associated with any hazards. Even so, it is good practice to use appropriate PPE, such as dust masks, safety goggles, overalls, protective gloves and protective footwear.

Before you start
Prior to installation, condition all panels, adhesives and sealants to room temperature for at least 24 hours. Check for signs of damage or defect and don't start unless you are completely happy as claims for defects cannot be met after installation.

Unwrapped panels must be stored in a clean environment and stacked face to face to minimise damage.

When installing more than one panel in the same bathroom check for compatibility of colour and surface texture, as slight variations can occasionally occur.

Problems must always be identified before any work commences. Please contact your supplier immediately, who will be happy to deal with any problems before you progress any further with the installation.
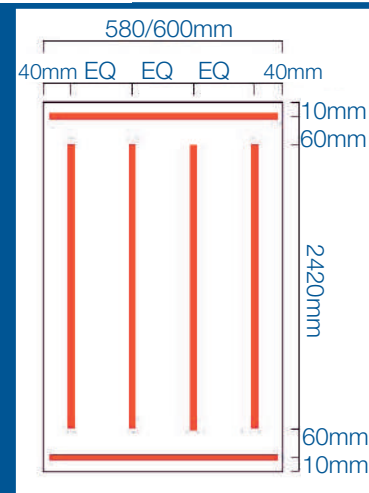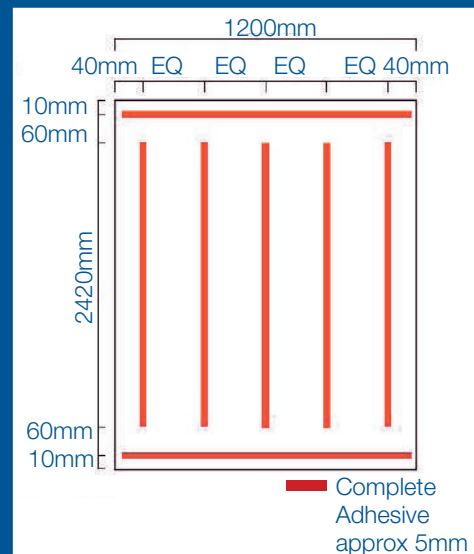
Essential Tools
- Double cup suction lifters x 2 are ideal for handling and installing panels
- Circular saw - to size panels
- Jigsaw - to scribe panels around shaped areas
- Hand router - to dress visible cut edges
- Electric hand drill - to cut holes
- Standard mastic gun - to apply Complete adhesive/sealant
- Screwdriver, measuring tape and pencil
- Plumb line/Plumb spirit level

Essential materials & fixings
Complete Adhesive and sealant Use Complete 'neutral' to bond panels and upstands where the adhesive is not seen. Complete adhesive generally provides sufficient grab; occasionally panels may need to be braced temporarily until the adhesive cures. Use 1 x 290ml cartridge per 2420 x 1200mm panel or 1 every 2 x 580mm or 600mm panels.

Use coloured cartridges for sealing, seaming and jointing. Use white spirit and a clean wipe to remove excess adhesive.

Adhesive Layout

Complete Adhesive approx 5mm

Design considerations:

Nuance 1200mm panels run from the corner past the shower enclosure with the postformed edge visible, making finishing trims unnecessary. Larger enclosures can be accommodated in the same manner, by linking tongue and groove panels, and the specially designed 160mm postformed finishing panel.

Turning a 1200mm standard postformed panel through 90° with the postformed edge upper most creates a 1200mm high half height wall for WCs, basins or vanitys. When joining horizontal and vertical panels, experienced fitters can create a kitchen worktop style butt & scribe joint, to create a continuous flow to the postformed edges where the panels meet. In this instance décor design should be discussed with the customer; just like with a kitchen worktop, the flow of design will end at the joint. When panels finish between two walls, avoid finishing at the corner with a narrow panel; try to evenly space the panel layout to maximise end panel sizes.

Tile Alignment:

These designs are intended to create the look of tiles without the need for time consuming tile fitting, grouting and waiting, whilst, overcoming the issue of recessed grout lines that can trap dirt. Panels are installed in the same way as standard Nuance panels, however careful planning and measuring is advised in terms of cut to size heights.

To align the horizontal grout lines at tongue & groove joints, in corners: unpack all your panels and plan out your design. Generally, in Nuance installations panels are trimmed to ceiling height; when aligning horizontal tiles between two panels it will be necessary to set the lower edges and establish a base line.

For example, when completing a project with a postformed edge at each side of a layout, that is, a left hand and a right-hand edge; one set of panels will always be inverted when compared to the other to create the opposite handing. This is exactly how all Nuance decors work. Take some time and care cutting the panels to the same base line whether right-hand or left-hand. Thereby, assuring grout lines will line up horizontally around the whole installation. In some layouts, trimming both the top and bottom edges may produce a neater result.

Some simple rules

1. Use ONLY Complete adhesives and coloured sealants to validate the 15 year guarantee.

2. Position all joints vertically especially in wet areas.

3. Always start panel installations from a corner before working out. This requires the removal of the tongue on a PF panel.

4. Always allow at least a 2mm gap when finishing at a fixed wall or ceiling and finish with a bead of Complete coloured sealant.

5. When installing T&G panels ensure the receiving edge of the first panel is the groove, and Complete coloured sealant is applied to into the groove as well as on the tongue of each joint.

6. When panels meet at a tongue and groove joint, remember designs are not intended to match across the joint. This is more obvious on large scale pattern / decors.

Preparation: wall & floor
Nuance panels should be installed directly to plasterboard or any sound flat wall including existing tiled walls providing:

1. Walls are dry, clean and damp free.

2. Walls are vertically plumb and true. Care should be taken to ensure that walls are flat and free of dips as low spots will reduce the ability for adhesive to grab.

3. When constructing wet rooms, panels must finish 5mm above the finished floor level and be seated and sealed on a full depth bed of Complete coloured sealant.

4. When installing panels in conjunction with vinyl flooring, use a 'J' section trim at the bottom of the installation.

Cutting & drilling
1. Cut using standard wood working tools.

2. Use standard high speed drill bits or circular hole saw cutters – do not use spade type bits.

3. Allow 3mm clearance around all cut outs and holes to be back filled with Complete coloured sealant.

4. Use a circular saw fitted with a sharp blade to cut concealed edges.

5. Position the panel face up or down depending on the blade type and start all cuts into the factory finished postformed edge. Jigsaws should only be used to scribe curved shapes.

Installing postformed panels

1. Measure, mark and cut the panel to size, allowing a 2mm gap for Complete coloured sealant at the 90° internal joint.

2. Remove the tongue leaving the postformed edge intact.

3. Form cut outs and holes for services as required.

4. Test fit the panel dry for alignment, then remove and clean the back face using a clean, damp cloth and allow to dry.

5. Trim the adhesive nozzle to a 5mm wide "V" cut to form a triangular 5mm wide bead. Apply 5mm beads of Complete adhesive following the drawing "adhesive layout"

6. Carefully lift the panel in place onto 5mm spacers to hold the panel above the floor in readiness for back filling with Complete coloured sealant. Press back firmly all over ensuring the necessary 2mm gap for Complete sealant where panels meet.

7. Allow to cure for 24hrs before fitting the shower enclosure and accessories.

8. When fixing accessories ensure all loading is transferred through the panel to the wall.

9. Apply final finishing Complete coloured sealant beads between panels and shower or bath, and finally fully fill the gap at the base of the panels to the floor, bath or shower tray forming a neat bead. Smears or excess of Complete sealant must be promptly cleaned away using white spirit.

Installing tongue and groove panels

1. Measure, mark and cut the panel to size

2. When starting from a corner, remove the tongue leaving the groove edge intact. The scribed edge to be placed in the corner.

3. To ensure alignment, dry test fit the panel then remove to clean the back face using a clean damp cloth and allow to dry.

4. Trim the adhesive nozzle to a 5mm wide "V" cut to form a triangular 5mm wide bead. Apply 5mm beads of Complete adhesive following the drawing "adhesive layout".

5. Lift the panel in place, pressing the back of the panel firmly all over.

6. Repeat the process for further connecting panels, applying Complete coloured sealant to each tongue and groove joint.

7. Do not tap the groove edge of the panel to close the joint. Use mirror suction lifters to slide the panel up and down whilst pushing sideways to evenly squeeze out Complete sealant, safely closing the gap.

8. Remove excess sealant using silicone removal tools.

9. Immediately after assembling each joint, use white spirit and clean off excess Complete sealant.

Bath panels from Nuance
With a totally waterproof core bath panels are easy to fabricate on site.

For single one sided baths use the 580mm feature panel. The postformed finish along both edges allows the creation of plinth details.

Front and end panel combinations can be cut from one 1200mm postformed panel utilising the postformed edge to overlap the side panel for a neat postformed detail at the corner, remembering that linear decors will see a change of direction at the intersection.

Optional extrusions
With its unique synthetic, homogenous, waterproof core, Nuance needs no trims, so their use is optional. However in certain configurations they may ease the installation process so a full range is available in three colourways, black, white and bright polished.

1. Two part aluminium external corner section.
2. Two part aluminium internal corner section.
3. Single part aluminium 'J' section for use with wetroom flooring solutions.

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