Cladding

PVC Cladding Sheet

ECONOMICAL PVC
CLADDING SHEET
IDEAL FOR WALLS
& CEILINGS
10 YEAR
GUARANTEE

Ariel PVC Cladding Sheet offers a range of lightweight and hardwearing solid PVC and foam PVC cladding panels in matt, gloss or satin finish.
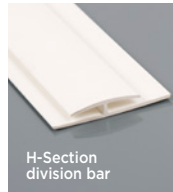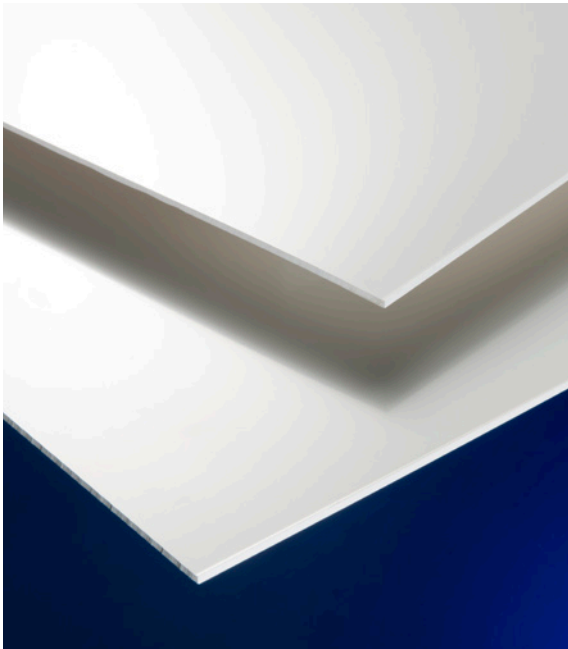
ariel®

Cladding

PVC Cladding Sheet

Ariel offer a range of PVC Cladding Sheet and Accessories that are lightweight, easy to install and easy to clean. The tough and durable surface, available in a matt, gloss and satin finish is impervious to dirt and grime is the perfect choice for wall and ceiling applications including garages, out houses, changing rooms, room dividers and animal housing.

- Light in weight
- Easy to install
- Easy to clean
- Hardwearing
- Excellent fire performance

IMPORTANT

These instructions are guidelines only and do not include all the appropriate equipment which should be used in accordance with safety regulations.
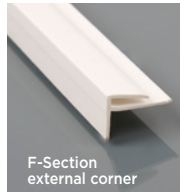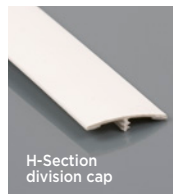
H-Section division bar

J-Section capping strip

C-Profile inside corner

F-Section external corner

H-Section division cap

H-Section division base
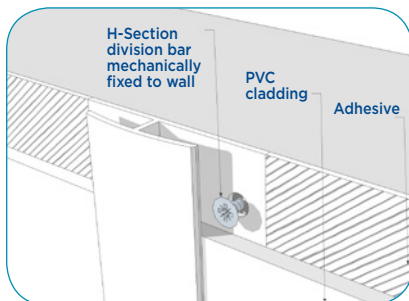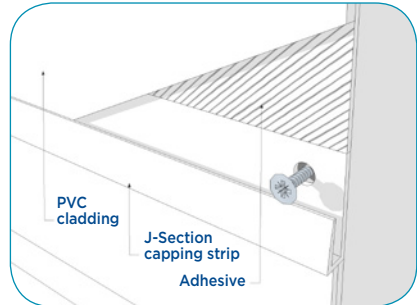
1 Installation Checklist

- Ensure walls are smooth, level, dry, clean and free from dust.

- Ensure power points, electrical switches, plumbing pipework etc. are all finished.

- First, plan and measure where the cladding will go. It is often easiest to start installation at an internal corner.

- Never install cladding near hot areas as this could distort the sheets.

- Ideally, use sheets from the same production batch, and in the same orientation, for each project.

- Store cladding for 24 hours at a similar temperature to the destination room temperature.

2 Installation

Use the J-Sections to frame the top and bottom edges of the sheets. Screw the J-Section to the wall as shown, over beads of silicone. Apply adhesive to the back of the sheet and apply a bead of silicone to the inside of the J-Section to make a watertight seal with the sheet. The silicone seal is especially important at the base, where wet cleaning may occur.

Drop the first sheet in to the bottom J-Section and flex it into the top J-Section, leaving a couple of mm clearance inside the profiles for thermal expansion.

PVC cladding
J-Section capping strip
Adhesive

H-Section division bar mechanically fixed to wall
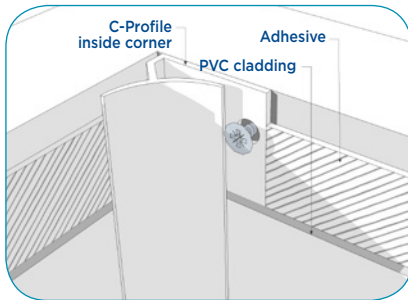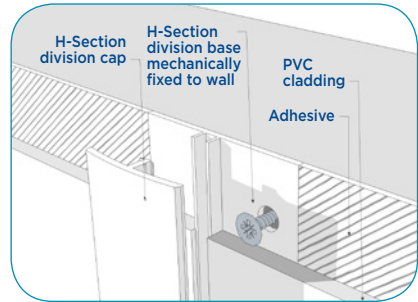PVC cladding
Adhesive

If using a one part H-Section, apply a bead of silicone to the inside of the profile, then slide the H-Section onto the sheet's vertical edge. Leave a 2-3mm expansion gap inside the profile. Screw the H-Section to the wall as shown.

Continue with the next sheet along by dropping it into the bottom J-Section, flexing it into the top J-Section, and sliding the sheet sideways to the H-Section. Ease the sheet into the H-Section starting at the bottom and working up the sheet, at a slight angle.

If using a two part H-Section, apply a bead of silicone to the inside of the profile, then slide the H- Section base behind the sheet.

Leave a 2-3mm expansion gap between the edge of the sheet and the central fin of the base, and screw the base to the wall as shown. Continue with the next sheet along by dropping it into the bottom J-Section, flexing it into the top J-Section, and sliding the sheet sideways to the H-Section.
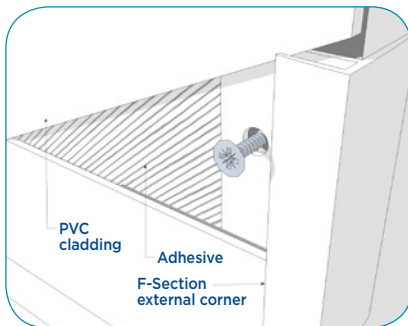
Once all sheets are in position, press to click the H-section top caps in place.

H-Section division cap

H-Section division base mechanically fixed to wall

PVC cladding

Adhesive

C-Profile inside corner

Adhesive

PVC cladding

Use Inside Corner C-Profiles and External Corner F-Profiles where walls come together to form an angle.

Screw the profile to the wall, use sealant, slide sheets in and leave a 2-3mm expansion gap in a similar way to the H-Sections.

Remove the protective film from sheets after installation is complete.

PVC cladding

Adhesive

F-Section external corner

3

Cutting

Use a craft knife or a saw with a sharp blade designed for cutting wood or plastic. This gives a cleaner result than fine tooth metal saws. Sheets at room temperature are easier to cut.

Recommendations	Circular Saw – 40/60 Diamond Grit Blade
Clearance Angle	10 - 15
Rake Angle	0 - 6
Cutting Speed	1800 2400m/min
Feed Speed	19 – 25m/min

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Adhesives

The recommended adhesive for installing PVC Cladding sheet is Polyurethane (PU) to be applied to the back of the cladding sheet. In most situations, one 300ml cartridge of PU adhesive per 8' x 4' sheet is sufficient.

5

Cleaning

Anti-static cleaner or warm soapy water can be used with soft cloths or wipes. DO NOT use abrasives or squeegees. Pressure cleaning systems may be used at a minimum distance of 600mm (2ft) from the wall surface. Ensure the water is warm, not hot.

6

Cladding sheet dimensions

DIMENSIONS (MM)	600 x 1200	1200 x 1200	1200 x 2400
Standard Matt Cladding (Foam PVC) in 3mm	•	•	•
Premium Gloss Cladding (Gloss Foam PVC) in 3mm	•	•	•
Premium Satin Cladding (Solid PVC) in 2.25mm	—	—	•

The cladding sheets are non-toxic, impervious to dirt and easy to clean and can be used from -20$^\text{O}$ to +60$^\text{O}$C, so can be used in a range of domestic and industrial settings, including cladding food preparation areas.

Please contact us on 01246 281111 for more information.

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OUTHOUSES
GARAGES
SCREENS
PARTITIONS
CHANGING ROOMS
ANIMAL HOUSING