Installing Cedral Click

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5 step installation procedure

- 1. Fix battens to wall
- 2. Attach perforated closures to top and bottom of battens
- 3. Fix vertical profiles and horizontal (starter) profiles
- 4. Cut and fix Cedral click planks
- 5. Other detailing

Fix battens

Position and fix the vertical battens. Battens to be spaced a maximum of 600mm apart (Reduce this in very high windload areas).

Batten sizes

- Standard fixing 50mm x 38mm
- Joints/Corners 75mm x 38mm



Attach perforated closures

Perforated closures should be screwed or nailed to both the top and bottom of battens.

They are designed to protect against birds, rodents and some insects while still allowing air to flow through the system.

Available in depths of 40mm, 50mm, 70mm and 100mm to allow for coverage of external insulation



Fix vertical profiles





Internal corner To finish the corner where Cedral meets on an internal corner forming a seal between the trim and the corner.



External corner/window reveal (asymmetric) Can be used as an external corner or where detailing on a window reveal.

Fix horizontal profiles



Start profile Used at base of the external wall. Installed absolutely level to ensure installation of Cedral Click panels remains perfectly parallel.



Window lintel profile Used to finish above the window and to support the next course of Cedral Click.



Installing Cedral Click

All fixing will be achieved with click clips.

These are fixed with stainless steel mushroom-head screws onto timber or with rivets onto metal frame



Fixing clip and special screw fixing Clip and screw are made of stainless steel 304 (A2).

The clip dimensions are: 60×40 mm with hooks matched to the Cedral Click requirements.

The screw has the following dimensions: 3.9×30 mm with screw head suited for fastening the clip. This means a flat head with partially flat lower side.



Base of wall

A minimum 30mm clear cavity must be provided behind the Cedral Click planks with a 10mm opening at the base, head and at the window and door and cills. Assembly starts at the bottom of the outside wall with the purpose designed Cedral Click plank start profile. The start profile must be perfectly level. Use appropriate countersunk head screws so the screw head does not block the placement of the first Cedral Click plank. The first Cedral Click plank is then fitted on to the start profile and fixed with clips on every support. Then the next Cedral Click plank is put on the first one.

The plank will then be fixed with use of click clips, these will be placed on every batten.





Continued installation

The Cedral Click planks are placed with the ends against each other and always on top of an underlying supporting batten. Not only behind the joints but the entire wooden supporting battens are protected by a joint sealing strip with sufficient stiffness. Because the joint sealing strip is not exposed to light, a black polyethylene (PE) 0.5 mm-thick joint sealing strip is sufficient. If the joint sealing strip is exposed to light, a UV-resistant material such as EPDM must be used.





The distance from the edge of the clip to the edge of the Cedral plank should not exceed 60mm

Window detailing and external corner

The vertical reveal sides of a window can be finished with the Cedral Click external corner profile. At the window head (lintel), the lintel profile can be used. This lintel profile can be used with whole Cedral Click planks or with cut planks. Holes in the lower part of the back of the profile prevent water pooling in the profile.



Internal corner

To finish the corner where Cedral Click meets on an internal corner forming a seal between the trim and the corner.



Fixing the last Cedral Click plank

At the top of the facade there are 2 options for fixing the last Cedral Click plank:

- > if the facade finishes with a whole Cedral Click plank it can be fixed with clips, as detailed in number 2.
- > if the facade finishes requiring a trimmed Cedral Click plank it should be fixed with coloured mushroom head screws.

The screws must be inserted perpendicular to the panel surface using an electric drill with a high quality bit suitable for the type of screw head.

The screw head should ultimately be covered by the soffit or eaves detailing.



Preventing efflorescence

Efflorescence or 'lime bloom' is an occasional phenomenon that affects all cement-based products. It is temporary and is in no way detrimental to the performance of the product. Water dissolves salts within the product, this salt solution migrates to the substrate's surface, and a salt deposit remains after the water evaporates. Efflorescence is not normally due to faulty materials.

Cement contains an amount of free lime. When water is added, a series of chemical reactions commence which result in the setting and hardening of the cement, which is accompanied by the release of more lime in the form of Calcium Hydroxide. This salt is sparingly soluble in water and the supersaturated solution deposits crystals on the surface of Cedral.

The prime cause for the onset of efflorescence is the retention of water between the Cedral planks whilst retained in the pack or its installation in very wet conditions. It is recommended that Cedral is stored under cover and clear of the ground prior to being used on site. The polythene wrapper should not be relied on for protection in the open. Care should be taken to prevent

