



Installation Guide

For
Roofline, Cladding
and Window Board
and Trims

Important Information

Access Systems

SAFETY FIRST!

Never attempt to access the work area with an unsupported ladder or without a stable deck. Always use a full scaffold platform or a purpose made cantilevered deck system with guard rails in place.

Health and Safety

Full health and Safety information is available on request.

Storage & Handling

Load and unload by hand and support both ends of a 5m length when handling. Stack no higher than 1m, in packing sleeve on a flat base. Avoid contact with solvents, paint, creosote, bitumen etc.

Cutting/Shaping

Use conventional carpentry tools including fine toothed saws. Power tools may be run at speeds appropriate for timber. Nail and screw holes do not require pre-drilling.

Fascia Boards

Concord 16mm boards and foiled boards are able to support the weight of the lower row of tiles without the need for a tilt fillet or kick plate.

Fixings

A4 grade stainless steel plastic headed nails or capped screws

	Fixing	Code	Size	Qty	Max Centres
Roofline					
16mm Fascia	Nail	C083	65mm	2	
	Screw	C072	50mm	2	
9mm Cover Boards	Nail	C082	50mm	2	White 600mm
	Screw	C071	40mm	2	Foiled 400mm
Flat Boards	Nail	C081	40mm	2	
	Screw	C071	40mm	2	
Cladding					
White*	Nail	C204	33mm	1	600mm to 2 storeys 400mm 3 - 5 storeys
Foiled*	Nail	C204	33mm	1	400mm

* Ensure plank ends are always nailed and that adequate ventilaton is provided behind all foiled cladding installations (see reverse of Foiled Product Guarantee for details)

Expansion Gaps

Always leave a minimum 4mm expansion gap at the end of each board, ie where two boards meet leave 8mm overall.

Sealants

Use a low modulus silicone (BS 5889 Type A). Use a primer when bonding to GRP, stainless steel, aluminium or untreated wood. Do not use with polycarbonate sheet.

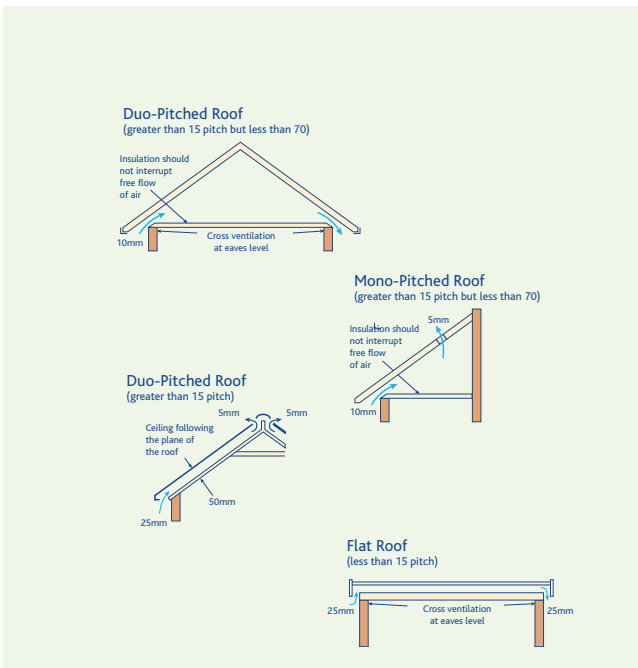
Asbestos

By law all asbestos materials must be removed by trained operatives under strictly controlled conditions. If you suspect that asbestos is present you should consult your Local Authority.

Ventilation

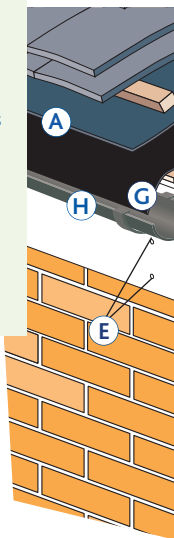
IMPORTANT - Roof voids must be ventilated in order to stop warm air condensing on cold surfaces. Condensation encourages rot and mould growth.

Foiled cladding installations can suffer from expansion and contraction due to heat absorption, therefore it is important to provide a free air path between vertical battens. Continuity of this ventilation path can be achieved by venting into the eaves or by leaving a 10mm air gap between the cladding and soffit.



Preparation Checklist

- Use proper access equipment (p32).
- Inspect for asbestos (p33).
- Push back the lower rows of tiles.
- Remove enough gutter, fascia, and soffit for one day's work only.
- Inspect rafters/laths and replace rotted timbers.
- Set up fixing points at maximum centres: white 600mm, foiled 400mm.
- Make sure ventilation is sufficient (p32).



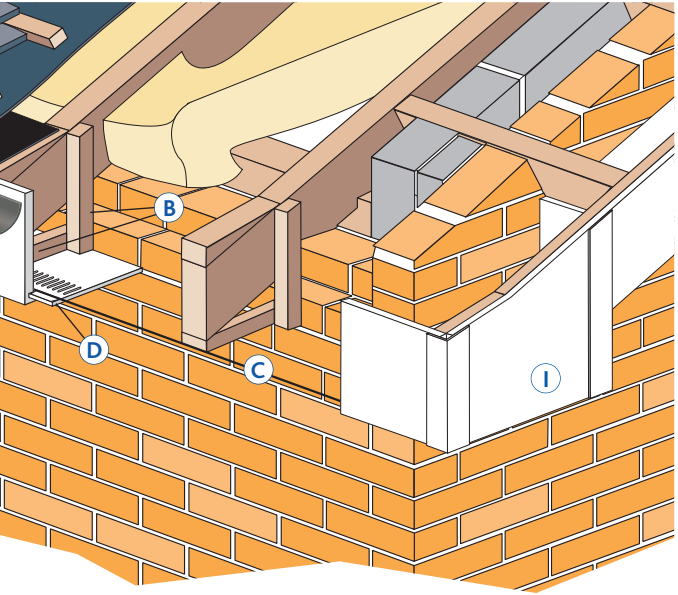
Sequence of Work

- Cut back rotted felt to a clean edge.
- Fit suitable timber hangers (preservative treated) to support soffit boards. Screw hangers to rafter sides checking for level. Deep soffits must be nailed up every 200mm max across their depth. Set up support at hipped corners.
- Set up string lines to check vertical/horizontal faces of rafter feet and hangers for straight and level.
- Nail soffit board to hanger. Inner edge of soffit abuts to wall or sits on bricks. Outer edge of soffit should overhang by 10mm to fit groove in back of fascia board.
- Nail fascia board to rafter feet (check fixings p32) with sufficient height to create tile kick.
- Make soffit and fascia joints between rafters.
- Fit a dpc material under the existing felt. New material must dress into the gutter.
- Fit gutter brackets directly to replacement fascias of 16mm and above, in accordance with manufacturer's recommendations. Ensure correct fall in the gutter towards the down pipe.
- Box end construction. See p36.

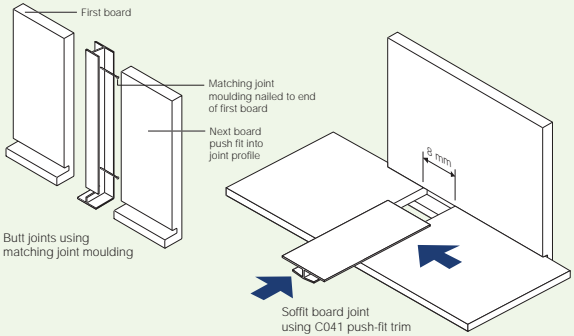


Notes for Over – Capping

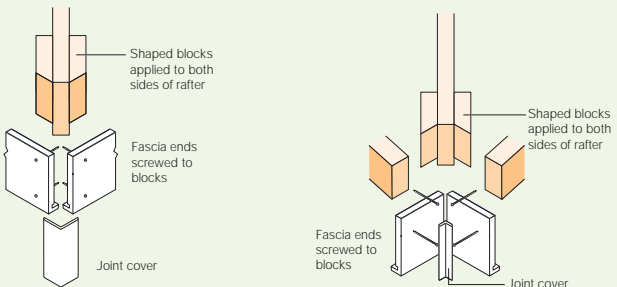
1. Check the expansion gaps and fixing centres detailed on page 32/33.
2. All over-capped timber must be sound.
3. The existing timber fascia must support the weight of tiles and the guttering.



F Joints



B Support blocks at hipped corners

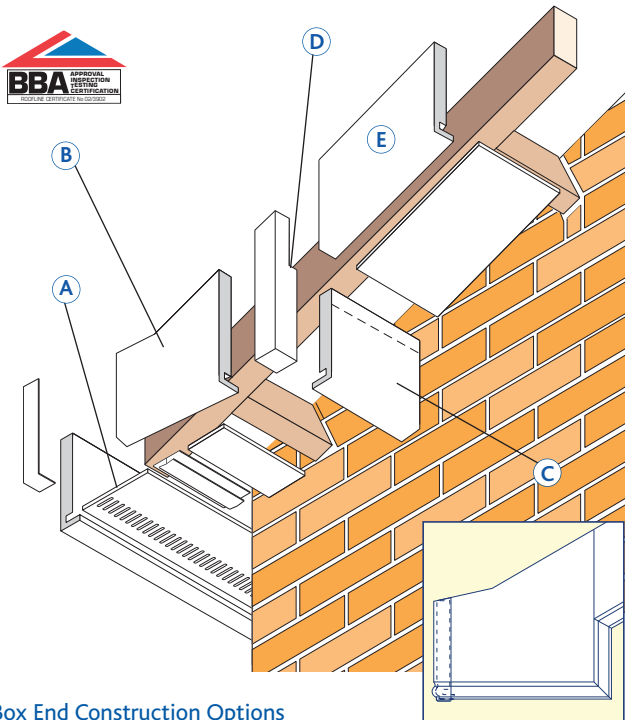


Box End Construction

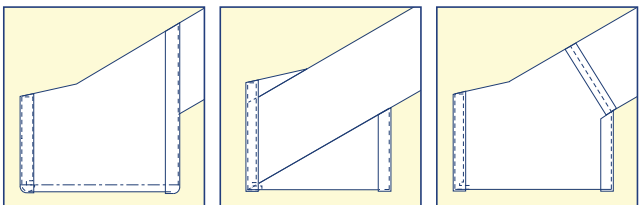
- A. Finish fascia level with the face of the rafter gable. Soffit should over hang by 10mm and may be cut square or mitred.

Note: Timber hangers should be installed as required to locate box end structure.

- B. Measure and cut box end from a deep board. Front edge should tilt up to match height of fascia board.
- C. Measure and cut fascia to form the return to gable wall.
- D. Remove section from corner joint to fit around rafter.
- E. Fix bargeboard directly to gable rafter.



Box End Construction Options

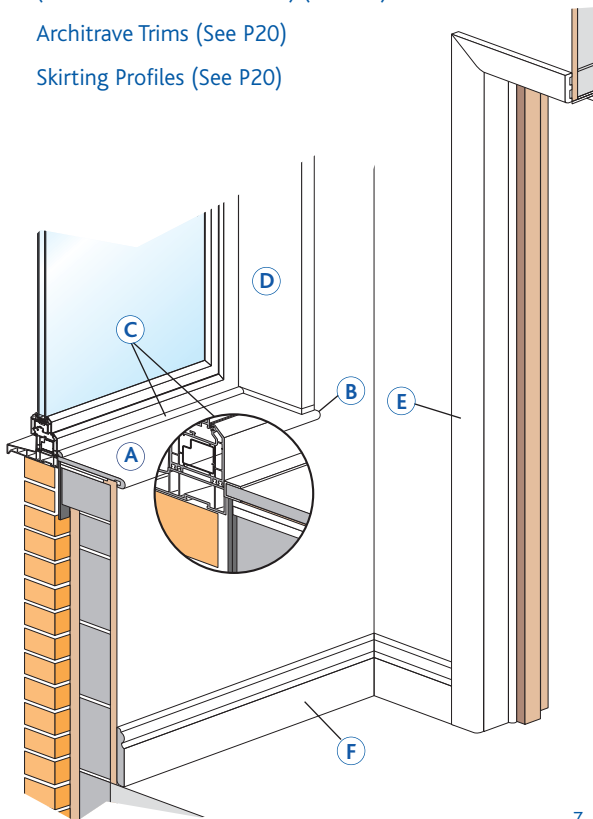


Window Boards & Trims

General

- Fix to dry, sound timber or masonry with a general purpose adhesive, where necessary, using stainless steel plastic headed screws or nails.
- Do not fix to damp surfaces. If there is any risk of damp after fixing, use a low modulus silicone.
- Rotten or damaged timber should be replaced before over capping. On irregular surfaces use packing pieces where needed.

- A. Window board; choice of:
16mm Bullnose (replacement unit)
9mm Bullnose Window Board (capping)
9mm Reveal/Cover Board (capping)
- B. End cap, cut to suit
- C. Choice of Trims (See P20-22)
12mm Quadrant featured RQ12 (P20)
- D. 9mm Reveal Liner
(Flat Board or Cover Board) (P20-22)
- E. Architrave Trims (See P20)
- F. Skirting Profiles (See P20)



Cladding Installation – Sequence of Work

- A. Perimeter frame battens (recommended 25 x 38mm)
- B. Battens around openings.
- C. Intermediate vertical battens.
- D. Starter trims (or bottom angle ventilation strip, as appropriate, see inset illustrations).
- E. Vertical perimeter trims, corner trims (where two-part trims are used, fix only the inner part).
- F. Top perimeter trims (These engage inside the vertical trims).
- G. Packings to battens as required for any cut planks.
- H. Plank profiles and joint covers or centre joint trims as appropriate (see p 16).
- I. Outer components of two-part trims.

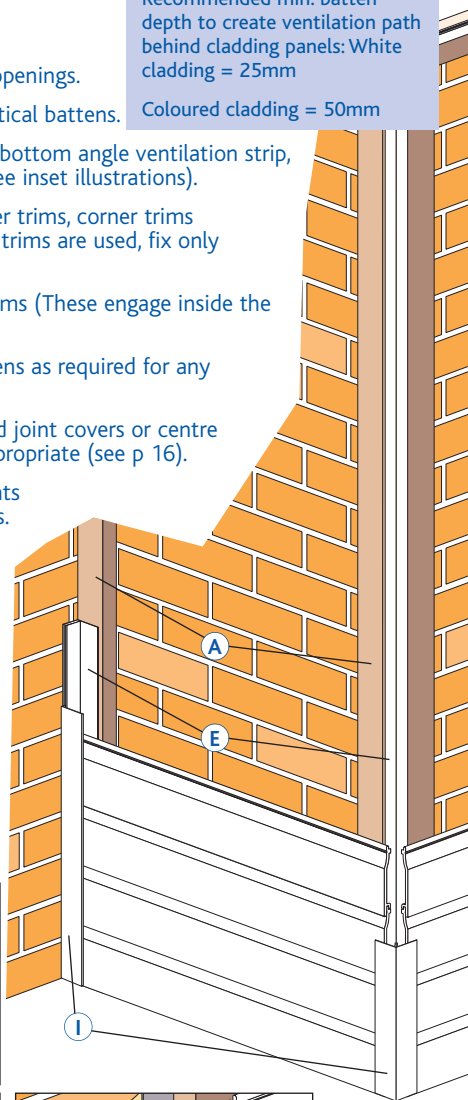
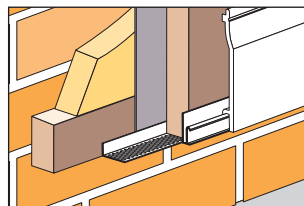
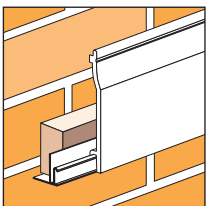
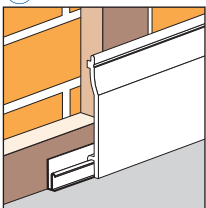
Recommended min. batten depth to create ventilation path behind cladding panels: White cladding = 25mm

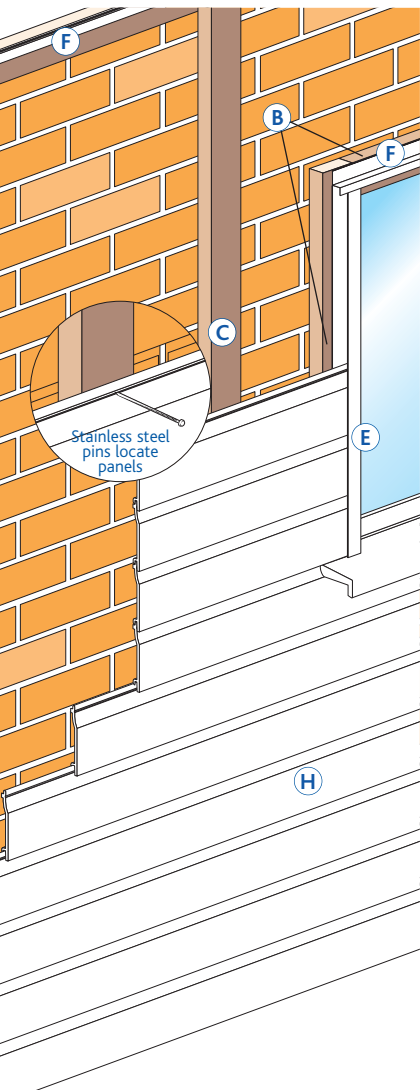
Coloured cladding = 50mm

Note:

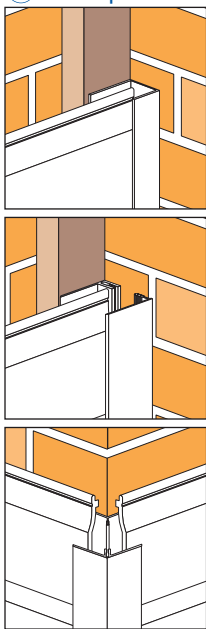
For maximum fixing centres see p 32.

D Starter Trims

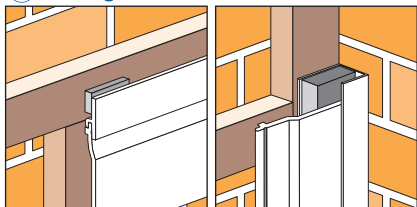




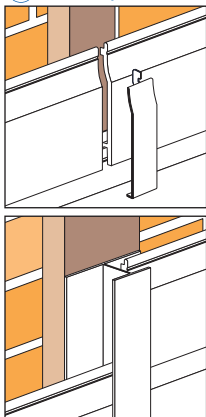
E Trim Options



G Packing for Cut Planks



H Joint Options



Your Local Branch

Caernarfon

Zone 2 Cibyn Industrial Estate,
Caernarfon, Gwynedd LL55 2BD

Tel: 01286 674 882
Fax: 01286 672 738
caernarfon@eweplastics.co.uk

Crewe

Unit 11 Crewe Gates Industrial Estate,
Crewe, Cheshire CW1 6YY

Tel: 01270 251 044
Fax: 01270 254 714
crewe@eweplastics.co.uk

Mold

Unit 7 Broncoed Industrial Estate, Mold,
Flintshire CH7 1HP

Tel: 01352 752 006
Fax: 01352 757 009
mold@eweplastics.co.uk

Cheadle Hulme

Unit D10 Commercial Avenue, Stanley
Green Industrial Estate, Cheadle Hulme
Cheshire SK8 6QH

Tel: 0161 4858901
Fax: 0161 4884391
cheadle@eweplastics.co.uk

Opening hours:

Monday to Friday 7.30am - 5.00pm.

Saturday 8.00am - 12.00pm.

Sunday Closed

www.eweplastics.co.uk

Pioneer House, Mariner, Lichfield Road Ind. Estate,
Tamworth, Staffordshire, B79 7TF
t: (01827) 317230 f: (01827) 316169
www.concordpvc.co.uk