

CELUFORM PVC-ue SYSTEMS

CI/SfB (41) N n7

CAWS H32

Uniclass JH32 L511



Cladding



Cladding

Versatility, practicality and performance



From one of the UK's largest manufacturers of PVC-ue products, the CELUFORM range has been serving the Building Industry for over 25 years.

CELUFORM products make significant contributions to the integrity, durability and visual appeal of all building types. In addition to the cladding systems described in this guide, the CELUFORM portfolio also includes:

CELUFORM ROOFLINE SYSTEMS

Versatile, attractive, lasting solutions for the most exposed elements of a building. Fascia boards,

bargeboards and soffit systems in a variety of styles and configurations to suit all building types, with a choice of colours.

(see CELUFORM PVC-ue Roofline Systems guide)

CELUFORM WINDOWBOARD & TRIMS

Fully-integrated, attractive finishing profiles for new or replacement window installations. Easy-to-fit system, with complementary architraves and skirtings. Choice of white or woodgrain effect finishes.

(see CELUFORM PVC-ue Windowboard and Trims guide)

TECHNICAL SUPPORT SERVICES

To request any of these services please call the
**CELUFORM
FREEPHONE
TECHNICAL
HELPLINE**
on

0800 212903

(normal working hours)

CELUFORM provide full support services covering:

- z **Technical assistance:** with design, specification and estimating
- z **Expert advice:** including on-site visits
- z **CAD drawings:** products and application details are available
- z **Training:** practical and theoretical courses on the use of PVC-ue in construction
- z **Nationwide Approved Installer/Contractor network**

CELUFORM AND THE ENVIRONMENT

CELUFORM PVC-ue does not contain CFCs. Compounds used in the manufacturing of CELUFORM PVC-ue products are controlled at the processing stage are non-hazardous to health and the environment once processed.

Lead, Barium and Cadmium are not used in CELUFORM cellular PVC-ue. CELUFORM use only tin based stabilisers.

CONTENTS



PAGE

INTRODUCTION

CELUFORM Building Products: <i>introduction</i>	2
Technical support services	2
PVC-ue: the benefits	4
CELUFORM PVC-ue cladding range: <i>in summary</i>	5

COMPONENT GUIDE

Cladding systems	6
Shiplap cladding system	7
Hollow section cladding system	7
Trims	8-11
Fixings	11

SYSTEM PLANNING

Typical applications detailing	12-15
Design considerations	16
Design criteria (summary)	17
Fixing details	17
Area calculations	17
Other design considerations	18
Recommended sealants/adhesives	18
Key points summary	18
Ordering	18

TECHNICAL DATA/ AUTHORITY	19
------------------------------	----



LOW MAINTENANCE CLADDING

***Stylish and practical:
the benefits of
CELUFORM PVC-ue***



External cladding provides both a decorative and protective facing for buildings. Traditional timber cladding and weatherboarding is very susceptible to damage by the weather and typically requires regular attention: renewing paintwork... maintaining its appearance... and preventing decay and failure. All involving time and expense.

CELUFORM PVC-ue cladding provides a stylish and effective means to protect and decorate the exterior of buildings - without the need for continual and costly maintenance:



Problem: Decaying timber cladding



Solution: Celuform's longlife PVC-ue cladding

VERSATILITY

- z **For all building types**
Domestic, commercial and industrial - new build or refurbishment
- z **Flexible systems**
Profiles, accessories and fixings adaptable to almost any configuration, colour-matched for visual integrity

PRACTICALITY

- z **Simple installation**
Pre-formed joint trims and corners - requiring minimal cutting
- z **Low maintenance**
Permanent solutions which never need painting, only washing required

PERFORMANCE

- z **Durable material**
Tough, impermeable and resistant to weather and decay
- z **Insulating properties**
Lower thermal conductivity than timber, concrete, mineral fibre boards or brick (0.06 W/mK)
- z **Weather protection**
Using the dry joint cladding rainscreen principle
- z **Guarantee**
10 year product guarantee available on request

VISUAL APPEAL

- z **Range of visual affects**
Horizontal, vertical or diagonal installation
- z **Choice of finish**
Selection of profiles and colours
- z **Enhanced appearance**
Clean sight lines, good detailing, and neat joints

CELUFORM CLADDING

CELUFORM PVC-ue cladding systems are designed to enable installation in horizontal, vertical, or diagonal configurations. This gives the designer total freedom to create an attractive and distinctive finish to complement other design features.

OPEN V-JOINT

Tongue-and-groove jointed system

- Cover widths: 100mm or 150mm
- Colours: (100mm) Warm White and Espresso Brown

(150mm) Warm White, Brilliant White and Ice White

SHIPLAP

Traditionally-shaped, tongue-and-groove jointed system

- Cover width: 150mm
- Colour: Warm White only

HOLLOW SECTION

Rigid PVC-u, hollow-chambered system, with open V-jointing

- Cover width: 100mm or 300mm
- Colour: Warm White only



A comprehensive range of edge, corner and joint trims ensures a neat and complete finishing

(see pages 6-11 for product details)

COLOURS/ORDERING

When placing an order, the following suffixes should be used in conjunction with the correct CELUFORM order reference code:

Warm White **W**

Ice White **I**

Brilliant White **B**

Espresso Brown **E**

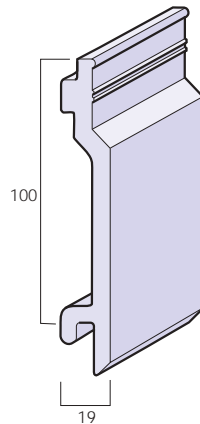
The Espresso Brown colour is produced by the bonding of a colour stable PVF foil onto the profile surface.

EXAMPLE: For 150mm width, Warm White Open V-joint Cladding board, the full order code is **5223.150.5W**

Profile and colour options for design freedom



OPEN V-JOINT CLADDING SYSTEM


**Open V-Joint Cladding Board
(100mm)**


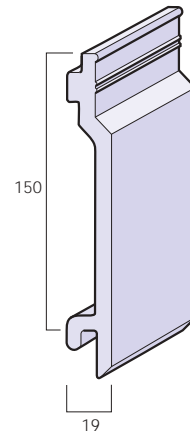
Length: 5 metres

Finish: Warm White

Code	Cover width
5227.100.5	100

Finish: Espresso Brown (to visible face only)

Code	Cover Width
6227.100.5	100

**Open V-Joint Cladding Board
(150mm)**


Length: 5 metres

Finish: Warm White, Ice White and Brilliant White,

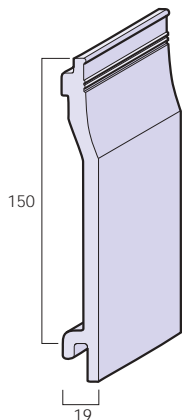
Code	Cover width
5223.150.5	150

Accessories *including*

- Corner trims (internal/external)
- Joint trims - *see pages 8-11*
- Small trims
- Stainless steel nails/screws
See pages 11

**SHIPLAP
CLADDING SYSTEM**

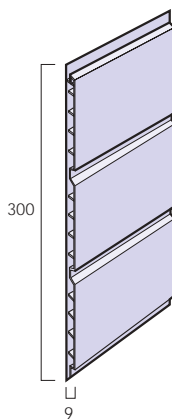
Shiplap Cladding Board (150mm)



Length: 5 metres
 Finish: Warm White and Ice White
 Code Cover width
5224.150.5 150

**HOLLOW SECTION
CLADDING SYSTEM**

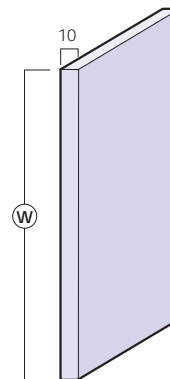
Hollow Section Cladding Board



Open 'V'-joint
 Thickness: 9
 Length: 5 metres
 Finish: Ice White
 Code Width
5097.300.5 300

**EXTERNAL REVEAL
LINING**

Multi-Purpose Board



One finished edge/one sawn edge
NOTE: All Multi-purpose Boards are flat-backed for lining external door and window reveals
 Length: 5 metres
 Finish: Warm White

Code	Width (W)
4258.100.5	100
4258.150.5	150
4258.175.5	175
4258.200.5	200
4258.225.5	225
4258.275.5	275
4258.300.5	300
4258.325.5	325
4258.375.5	375
4258.426.5	426

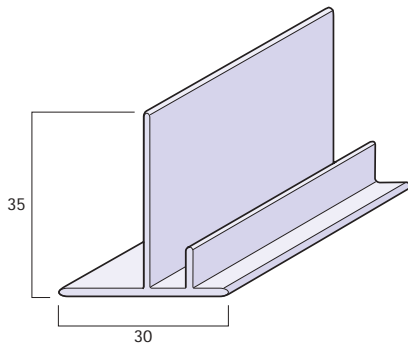
Finish: Espresso Brown (to visible face only)

Code	Width (W)
4258.150.5	150
4258.225.5	225
4258.275.5	275
4258.325.5	325



STARTER TRIMS

Starter Trim



For bottom edges of horizontal cladding line, to locate first cladding plank

SUITABLE FOR: Open V-joint and Shiplap systems

Length: 5 metres

Finish: Warm White, Ice White and Brilliant White

Code

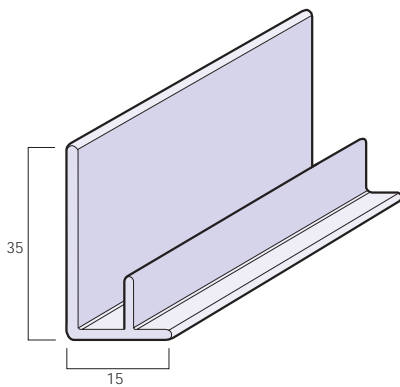
5504.5

Finish: Espresso Brown (to visible face only)

Code

6504.5

Wall Starter Trim



For bottom edges of horizontal cladding line, to locate first cladding plank wherever bottom edge is not visible

SUITABLE FOR: Open V-joint and Shiplap systems

Length: 5 metres

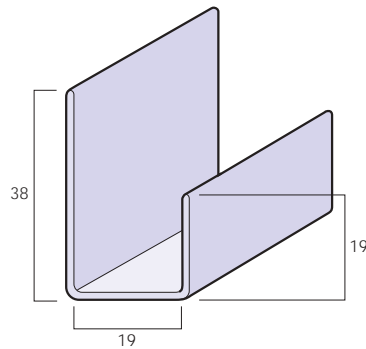
Finish: Warm White only

Code

5510.5

UNIVERSAL TRIMS

Universal Trim



For side edges (cladding boards running horizontally) and top edge (cladding boards running vertically)

SUITABLE FOR: Open V-joint and Shiplap systems

Length: 5 metres

Finish: Warm White, Ice White and Brilliant White

Code

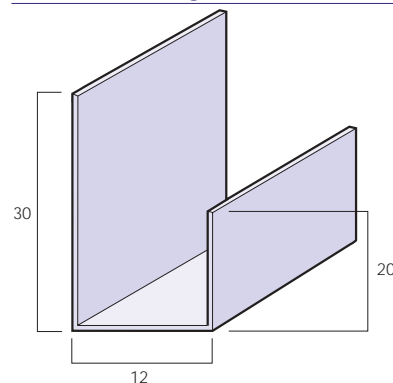
5501.5

Finish: Espresso Brown (to visible face only)

Code

6501.5

J-Trim for Hollow Section Cladding



For side edges (cladding boards running horizontally) and top edge (cladding boards running vertically)

SUITABLE FOR: Hollow Section systems

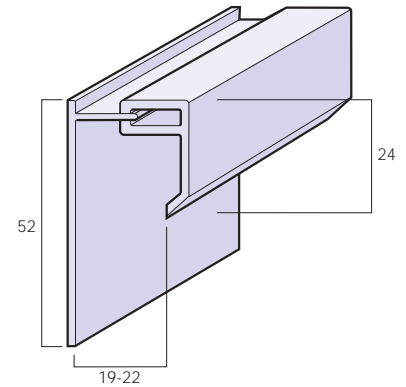
Length: 5 metres

Finish: Warm White and Ice White

Code

5897.J.5

2-part Universal Trim



For side edges (cladding boards running horizontally) and top edge (cladding boards running vertically)

SUITABLE FOR: Open V-joint and Shiplap systems

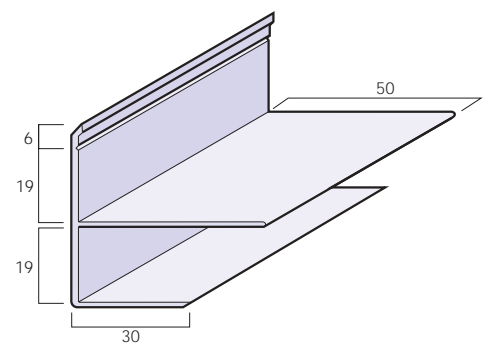
Length: 5 metres

Finish: Warm White only

Code

5507.5

Universal Trim with Edge Cover



For side edges, (cladding boards running horizontally) and to trim into an external window reveal at the intersection of the reveal opening. The edge cover trims over any exposed timber batten.

SUITABLE FOR: Open V-joint and Shiplap systems

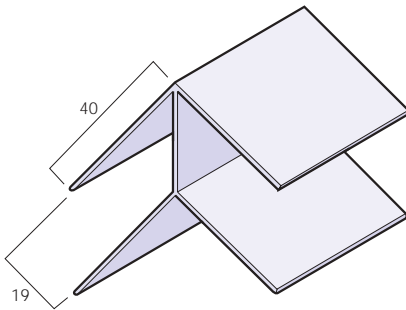
Length: 5 metres

Finish: Warm White, Ice White and Brilliant White

Code

5516.5

CORNER TRIMS

External Corner Trim

To continue cladding around 90° corner of cladding application

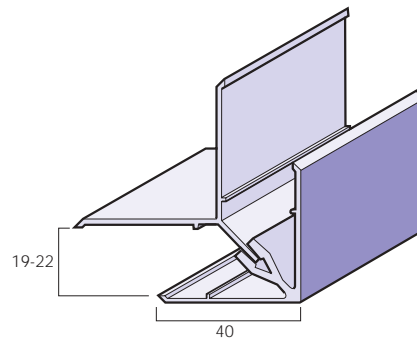
SUITABLE FOR: Open V-joint and Shiplap systems

Length: 5 metres

Finish: Warm White, Ice White and Brilliant White

Code

5502.5

2-part External Corner Trim

To continue cladding around 90° corner of cladding application

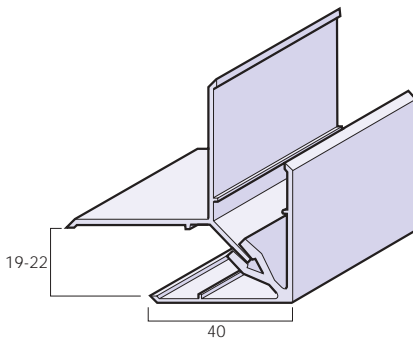
SUITABLE FOR: Open V-joint and Shiplap systems

Length: 5 metres

Finish: Espresso Brown (to visible face only)

Code

6518.5

2-part External/Internal Corner Trim

To continue cladding around 90° external corner or internal corner of cladding application

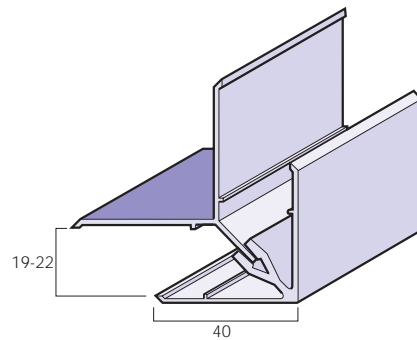
SUITABLE FOR: Open V-joint and Shiplap systems

Length: 5 metres

Finish: Warm White, Ice White and Brilliant White

Code

5508.5

2-part Internal Corner Trim

To continue cladding around 90° internal angle of cladding application

SUITABLE FOR: Open V-joint and Shiplap systems

Length: 5 metres

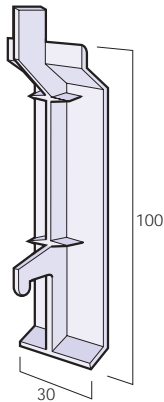
Finish: Espresso Brown (to internal visible face only)

Code

6519.5

JOINT TRIMS

Open V-joint Trim (100mm)



Individual trim for straight joints between cladding boards.

NOTE: Open V-Joint Trim positions must be staggered and have minimum 2 planks between joints

SUITABLE FOR: 100mm Open V-joint system

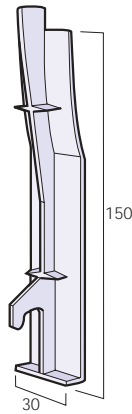
Finish: Warm White only

Code

5511.100

NOTE: For 150mm Open V-joint cladding, use 5503.5 Centre Joint Trim OR 5509.5 2-part Centre Joint Trim

Shiplap Joint Trim (150mm)



Individual trim for straight joints between cladding boards

NOTE: Shiplap Joint Trim positions must be staggered and have minimum 2 planks between joints

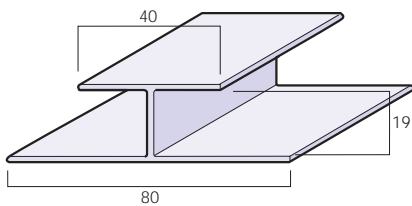
SUITABLE FOR: Shiplap system

Finish: Warm White only

Code

5512.150

Centre Joint Trim



For continuous joints between cladding boards

SUITABLE FOR: Open V-joint and Shiplap systems

Length: 5 metres

Finish: Warm White, Ice White and Brilliant White

Code

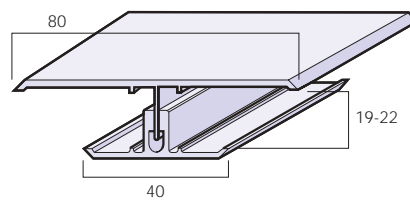
5503.5

Finish: Espresso Brown (to visible face only)

Code

6503.5

2-part Centre Joint Trim



For continuous joints between cladding boards

SUITABLE FOR: Open V-joint and Shiplap systems

Length: 5 metres

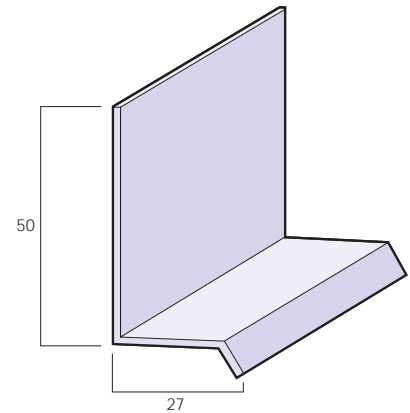
Finish: Warm White only

Code

5509.5

DRIP TRIMS

Drip Trim



For finishing bottom edge of vertical and horizontal cladding above a window/door frame

SUITABLE FOR: Open V-joint and Shiplap systems

Length: 5 metres

Finish: Warm White, Ice White and Brilliant White

Code

5506.5

Finish: Espresso Brown (to visible face only)

Code

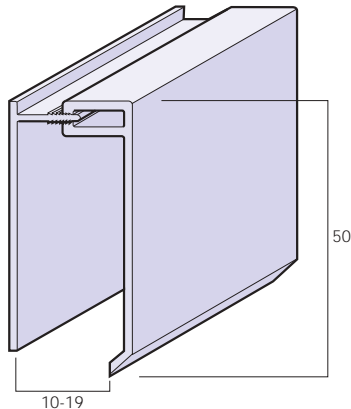
FIXINGS including

• Cladding Nails

• Cladding Trim Nails – See page 11

TOP EDGE TRIMS

Top Edge Trim



6506.5

For finishing top edges of horizontal cladding.

SUITABLE FOR: Open V-joint and Shiplap systems

Length: 5 metres

Finish: Warm White, Ice White and Brilliant White

Code

5505.5

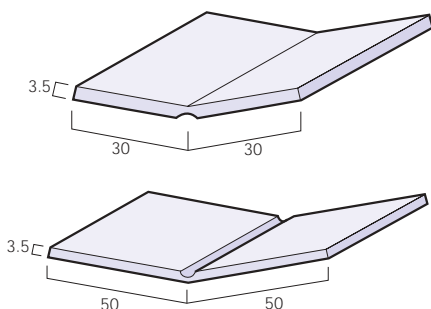
Finish: Espresso Brown (to visible face only)

Code

6505.5

ANGLE TRIMS

Variable, Internal/External Angle Trim



To cover internal/external joints where cladding runs meet at an angle other than 90° (e.g. at bay windows, etc)

SUITABLE FOR: ALL systems

Length: 5 metres

Finish: Warm White only

Code

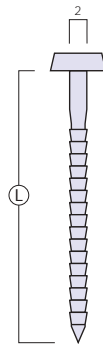
Dimensions

5514.5 30 3.5 (Internal)

5515.5 50 3.5 (External)

FIXINGS

Polypins



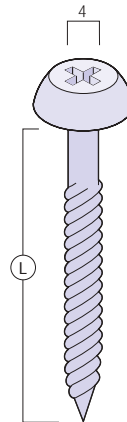
Code

Dimensions

9964.25.250 25 L x 2 (diameter)

9964.40.250 40 L x 2 (diameter)
(Warm White only)

Polytop Screws



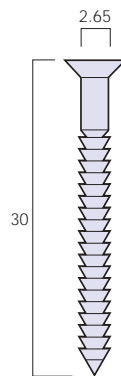
Code

Dimensions

9966.50S.100 49 L x 4 (diameter)
(Warm White only)

9966.65S.100 62 L x 4 (diameter)

Cladding Nails (round head)

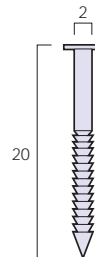


Code

Dimensions

9961.10 30 x 2.65 (diameter)

Cladding Trim Nails (round head)



Code

Dimensions

9965.250 20 x 2 (diameter)

Supastik Adhesive



Code

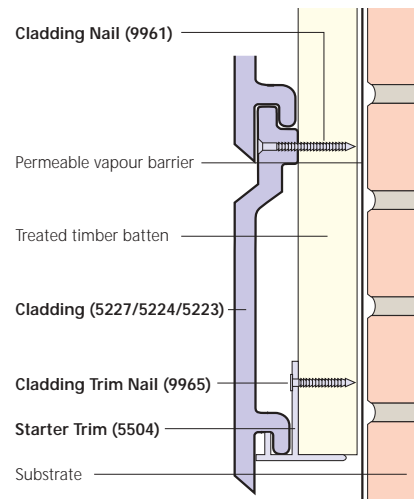
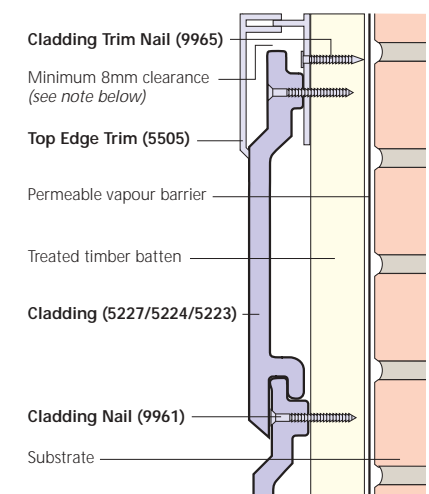
Size

9500.315 315ml

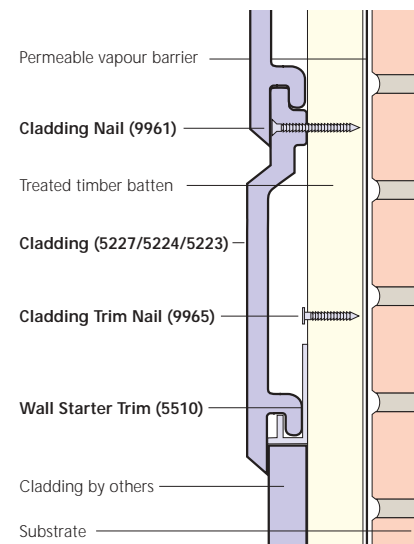
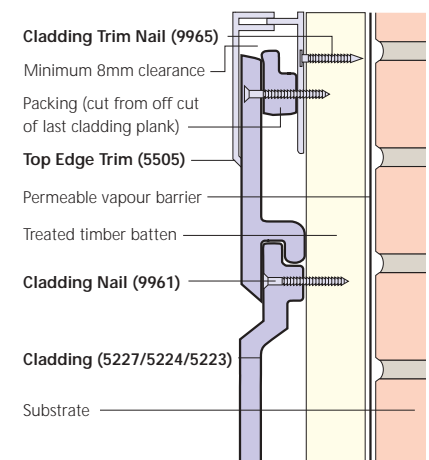
NOTE: All CELUFORM fixings are manufactured from A4 Marine Grade Stainless Steel and all dimensions are in millimetres. Polytop screws have Warm White, Espresso Brown or Golden Oak heads except where indicated.



HORIZONTAL CLADDING

Bottom (starter) edge detail*Side section***Top edge detail***Side section*

NOTE: A horizontal-cladding batten must support the **Top Edge Trim (5505)**. At least 8mm clearance must be allowed between the top of the last plank and the inside of the male extrusion of the top-edge trim. This allows for the last plank to be located and thermal movement to take place.

Bottom (starter) edge alternative detail*Side section***Top edge alternative detail***Side section*

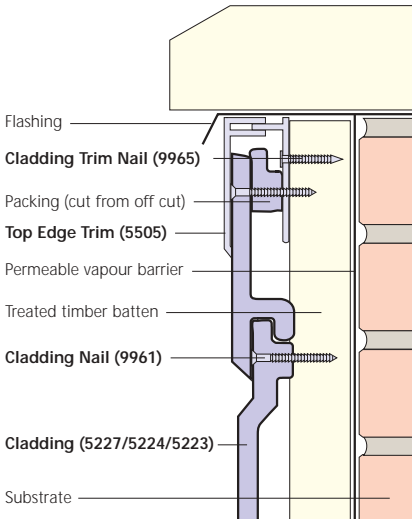
CAD drawings of a wide range of CELUFORM application details are available on disk. Those illustrated (*this and following pages*) are a selection of typical design details.

NOTE: *Open V-Joint cladding is shown for all details unless otherwise stated. Installation and fixing of Shiplap cladding follows identical design detailing and installation/fixing procedures. For design and installation guidance, please see pages 16-18, overleaf.*

HORIZONTAL CLADDING

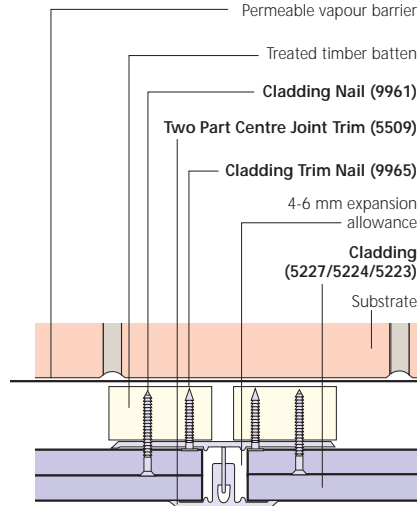
Window sill detail

Side section



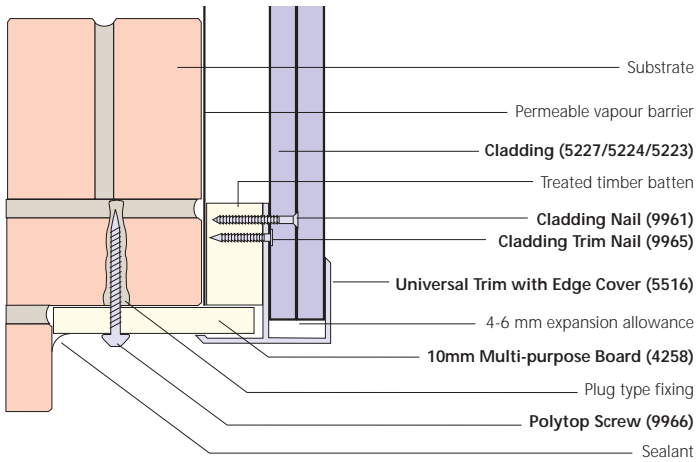
Panel Joint detail

Plan view



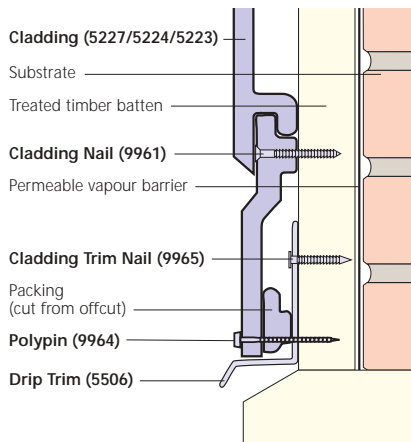
Universal Trim with Edge Cover detail

Plan view



Window head detail

Side section

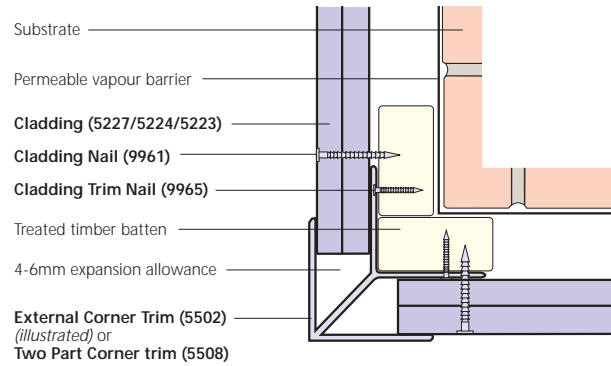


HORIZONTAL CLADDING



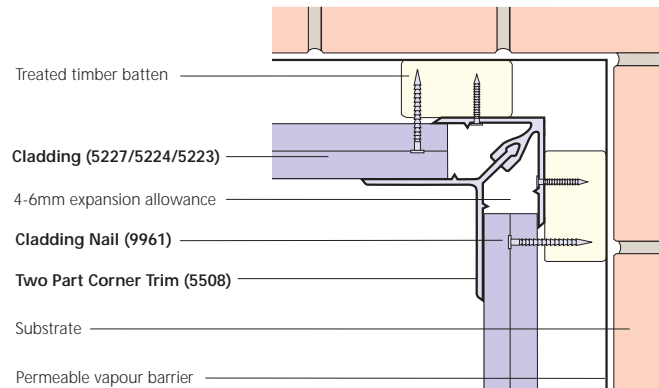
External corner detail

Plan view



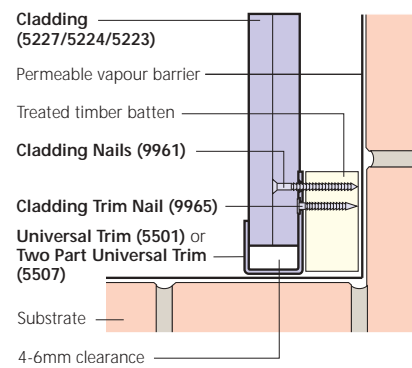
Internal corner detail

Plan view



Abutment detail

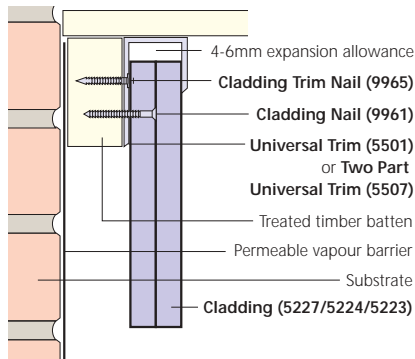
Plan view



VERTICAL CLADDING

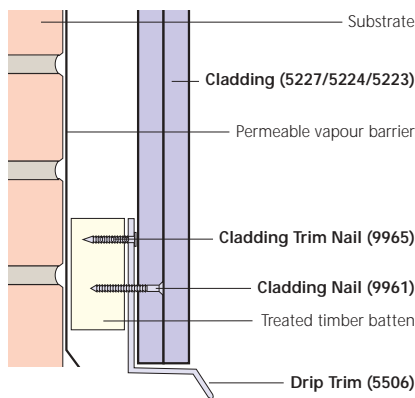
Top edge below window sill or soffit detail

Side section



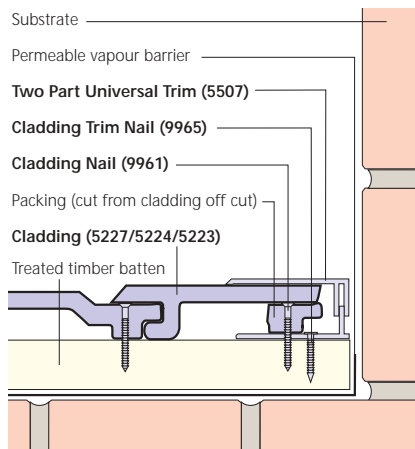
Bottom edge or window head detail

Side section



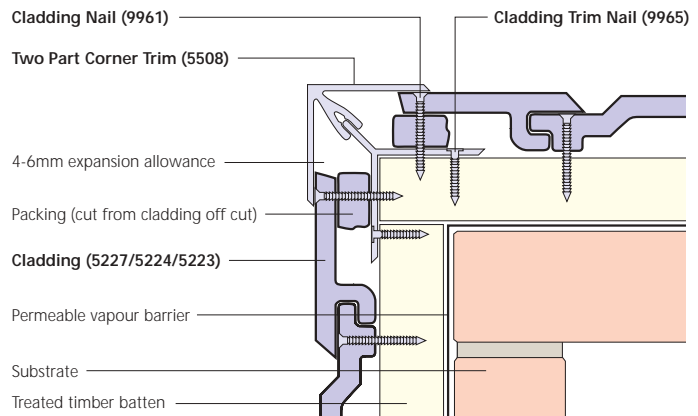
Edge detail (abutment)

Plan view



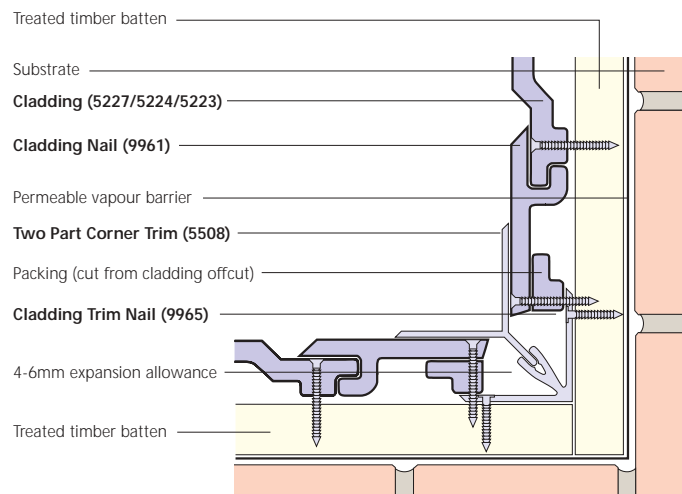
External Corner detail

Side section



Internal Corner detail

Plan view



DESIGN CONSIDERATIONS

The following is intended as a guide to the general design and installation principles only. For full details, please refer to the Celuform Technical Department 08705 920930 (Fax 08700 720930).

SETTING OUT

Correct detailing will ensure a balanced and aesthetically pleasing result. Plan the layout of the cladding so that the following points are observed:

For all cladding layouts

- z Joints between cladding profiles are evenly spaced over the whole expanse of the cladding facade

For vertical/diagonal cladding

- z Narrow cut profiles are avoided e.g. the first and last cladding profile

DIMENSIONS

CELUFORM cladding profiles are supplied in standard 5 metre lengths. Other cladding lengths can be supplied to order, subject to minimum quantities.



COVER WIDTHS

Different profile cover widths enable a range of visual effects to be achieved according to profile selected and the cladding direction.

To calculate the quantity of profiles required for any installation, see CELUFORM Area Calculations table, opposite page.

HORIZONTAL/VERTICAL/DIAGONAL CLADDING ELEVATIONS

Select the initial timber batten configuration to suit the application (see SUMMARY OF DESIGN CRITERIA, opposite).

Cladding trims to be used will differ according to the direction of the cladding profiles. Ensure correct trims are specified to suit the relevant location.

The use of two-part trims is strongly recommended:

- z When cladding vertically or diagonally
- z Where cladding profiles diminish

FIXING CENTRES

Cladding profiles and trims should be fixed at the following centres:

White cladding profiles: max. 600mm

Coloured cladding profiles: max. 400mm

Above two storeys
(white/coloured): max. 400mm

Trims (fixed to batten system): max. 300mm

NOTE: See page 11 for recommended CELUFORM stainless steel fixings, designed for normal and aggressive environments.

MOISTURE EXCLUSION

Under Building Regulations, the use of a secondary waterproofing membrane (see NOTE) is standard practice with a dry jointed rainscreen cladding system to ensure no moisture ingress into the structure.

NOTE: CELUFORM recommend a breather type secondary waterproof membrane

IMPORTANT NOTE: Ensure that requirements are established for structural performance and detailing in relation to moisture exclusion and thermal dynamics **EXAMPLE:** interstitial condensation. For advice on detailing, please contact the CELUFORM Technical Department.

VENTILATION

It is essential to maintain an air cavity behind the cladding system (see page 17)

- z to ensure the cladding system can dispel/control excessive temperature/heat build-up
- z to act as a ventilated cavity to offset potential condensation build-up

See SUMMARY OF DESIGN CRITERIA for recommended cavity distance (see page 17)

CLIMATE/THERMAL EXPANSION

CELUFORM cellular PVC-ue profiles have a co-efficient of linear expansion of 5×10^{-5} per °C. They are generally suitable for use in climates and temperatures common to European countries.

NOTE: Where the prevailing climate differs from that of Northern Europe, please consult CELUFORM Technical Department. CELUFORM products should not be installed where temperatures exceed 50°C.

COLOURED FINISHES

Thermal expansion is greater on coloured profiles. Ensure all technical recommendations regarding thermal movement and temperature conditions are strictly adhered to.

THERMAL INSULATION

CELUFORM cellular PVC-ue has a thermal conductivity of 0.06W/mK.

SEALANTS

Where a sealant is required, e.g. to ensure a weathertight seal around uneven substrates, a low-modulus silicone is recommended, used sparingly

(See RECOMMENDED SEALANTS AND ADHESIVES page 18).

CELUFORM COLOURS

Warm White
Ice White
Brilliant White
Expresso Brown

DESIGN CONSIDERATIONS

FIXING DETAILS

Batten fixings	<i>into masonry:</i>	Hammer screws (e.g. Fisher)
	<i>into steel:</i>	Self-tapping screws (e.g. Spit)
	<i>into timber:</i>	Plated woodscrews.

Cladding fixings 30mm stainless steel Cladding Nails (**9961.10**).

Trim fixings 20mm stainless steel Nails (**9965.250**).

Breather membrane

To be positioned behind the batten system *against the substrate*.

If fixing insulation behind cladding system

IMPORTANT POINTS WHICH MUST ALWAYS BE OBSERVED:

- Ensure cladding batten system is fully supported
(**EXAMPLE:** Support *horizontal* cladding with *vertical* cladding battens and *vertical* insulation battens)
- Fix at recommended fixing centres (see SUMMARY OF DESIGN CRITERIA *panel*)
- Always detail a suitable secondary waterproofing material (**EXAMPLE:** Vapour permeable (breather) membrane) to maintain a watertight structure
- The membrane should be positioned on the external face of the insulation between the insulation battens and the cladding battens (when detailing installation on the (external) building face)
- Maintain the correct statutory airspace behind the cladding system (see SUMMARY OF DESIGN CRITERIA *panel*).

CELUFORM AREA CALCULATIONS

CLADDING:	PRODUCT CODE:	5M LENGTHS REQUIRED PER SQUARE METRE:
Open V Joint Cladding (100mm profile)	5227.100.5 and coloured derivatives	2.0
Open V Joint Cladding (150mm profile)	5223.150.5	1.4
Shi lap Cladding (150mm profile)	5224.150.5	1.4

SUMMARY OF DESIGN CRITERIA

WHITE CLADDING

- z Batten size min. 19x38mm
- z Airspace min. 20mm
- z Fixing centres for (up to 2 storeys) max. 600mm battens and cladding (over 2 storeys) max. 400mm.

COLOURED CLADDING

- z Batten size min. 25x50mm
- z Airspace min. 25mm
- z Fixing centres for battens and cladding max. 400mm.

ALL CLADDING

Batten configuration for:

- z Horizontal cladding: vertical battens
- z Vertical cladding: horizontal battens
- z Diagonal cladding: vertical or horizontal, ensuring centres are reduced for initial cladding profiles.

NOTE: For diagonal cladding: Fixing centres equivalent to recommended centres must be maintained. Batten centres must be reduced to accommodate a standard 600mm fixing distance (white) to take account of the angle at which the profiles are to be installed.

Thermal movement:

- z Allow for 4-6mm per 5 metre length of cladding profile



DESIGN CONSIDERATIONS

RECOMMENDED SEALANTS AND ADHESIVES

SUBSTRATE	PVC	Timber	Painted Surfaces <i>b</i>	Plaster dry	Masonry	Metals	GRP
Sealant/adhesive type							
Silicone (<i>low modulus</i>)	u	u	u	u	u	u <i>d</i>	u <i>d</i>
Cyanoacrylate adhesive (<i>superglues</i>) <i>a</i>	u					u <i>d</i>	
PVC adhesive (<i>solvent weld</i>)	u						
Rubber solvent contact adhesive (<i>Supastik</i>)	u	u	u <i>c</i>	u <i>d</i>	u	u <i>d</i>	u <i>d</i>

a internal use only

b holding power determined by adhesion between paint film and underlying substrate

c certain paints may react with solvent adhesive. Consult manufacturer for advice

d primer may be required. Consult manufacturer for advice

SUMMARY OF KEY POINTS

- PVC-ue profiles should NOT be fixed at temperatures below 0°C or greater than 30°C
- Always make adequate allowance for thermal movement by using correct trim applications (see *SUMMARY OF DESIGN CRITERIA page 17*).
- Profiles used between abutments, copings or corbels should be trimmed to allow for thermal expansion and contraction
- The air space should always be maintained behind the cladding system (see *SUMMARY OF DESIGN CRITERIA page 17*).
- Cladding profiles should NOT be left in direct sunlight prior to fixing
- Cladding profiles should NOT be fixed at extreme fixing centres (see *SUMMARY OF DESIGN CRITERIA page 17*).
- Battens should be fixed to a sound, rigid substrate.
- PVC-ue profiles should NOT be fixed directly to decayed or insecure timber bearers
- A4 marine grade stainless steel fixings should be used when employing mechanical fixings with PVC-ue profiles.

NOTE: *The above recommendations are especially important when detailing Expresso Brown*

ORDERING

Ensure that the full CELUFORM order reference code is used, as listed in the Product Guide and the Celuform Price List

SPECIAL ORDERS

CELUFORM profiles are supplied to standard building requirements (5 metre lengths and standard widths). Products are available in different sizes to special order, subject to minimum quantities.

PACKAGING

CELUFORM products are packed in quantities as detailed in the Price List, bundled and sealed in polythene sleeves. Certain profiles are covered with a self-adhesive protective film to preserve the external finish.

Pack quantities differ according to the profile. See the Price List for details.

TECHNICAL DATA

SUMMARY OF PRODUCT INFORMATION:

MATERIAL

White profiles: extruded PVC-ue (polyvinyl chloride unplasticised expanded) with integral hard smooth skin

Coloured versions: have PVF foil bonded onto white profiles and have been in use worldwide for over 15 years

APPEARANCE

Standard: Warm White self-coloured with a smooth satin finish. Other colours: Ice White, Brilliant White, Espresso Brown

SIZES

All cladding and trim: 5 metre standard lengths unless otherwise stated. Dimensions as detailed pages 4-7. All quoted dimensions are nominal

NOTE: Non-standard lengths are available by special order (subject to quantity)

STRUCTURAL STRENGTH/STABILITY

When fixed in accordance with CELUFORM Technical Guidelines, the products will meet normal wind loading requirements

FLAME SPREAD

(to Building Regulations 1985)
Class 1Y to BS 476: Part 7

DURABILITY

All PVC-ue products have been used worldwide for 30 years.

Compatible with other building materials. Resistant to acids, alkalis, seawater, insects and atmospheric pollution

NOTE: Avoid contact with liquid bituminous materials.

HEALTH AND SAFETY

No special precautions required in working with the material other than those normally associated with use of hand and power tools, handling large boards, and control of dust

FIXING

Install in accordance with CELUFORM fixing instructions. Products are generally easy to work using traditional carpentry/joinery tools. Specific techniques required for trimming and jointing: CELUFORM training available

USEFUL REFERENCES

z Building Regulations 1991 (as amended) (England and Wales) Approved Document

A1 Loading

B4(1) External fire spread - external walls

C4 Resistance to weather and ground moisture

L1 Conservation of fuel and power

Requirement Regulation 7 Materials and workmanship

z British Board of Agrément

Certificate no **93/2897** (second issue 1998) CELUFORM PVC-ue white cladding

Certificate no **98/3522**, CELUFORM ColourForm PVC-ue cladding

z BS 476 Part 7: 1987 Fire tests on building materials and structures

Method for classification of the surface spread of flame of products

z BS 7619: Specification for extruded cellular unplasticized PVC (PVC-ue) profiles.

AUTHORITY

QUALITY ASSURANCE/STANDARDS:

MANUFACTURE

The CELUFORM quality management system is accredited to BS EN ISO 9001.

Profiles comply with BS 7619 and are manufactured under BSI Licence no. KM 33733.

PERFORMANCE

CELUFORM white PVC-ue cladding systems are covered by British Board of Agrément Certificate N° 93/2897 (second issue 1998)

CELUFORM coloured PVC-ue cladding systems are covered by British Board of Agrément Certificate N° 98/3522.



For products in this guide covered by the BBA please refer to the certificates above which are available on request.

This brochure may not be reproduced in part or whole without the specific written permission of CDW Products Limited (Celuform). Due to our policy of constant improvement, all drawing and technical details are subject to change without notice. All reasonable care has been taken in compiling technical information, including recommendations regarding best practice in the installation of the products. However, since the conditions of use are beyond the control of CDW Products Limited (Celuform), no specific guarantee can be issued with regard to actual use.

The photography in this manual is for illustrative purposes only and should not be viewed as an example of best practise.

An extensive and integrated range of stylish, hard wearing low maintenance PVC-ue products.

ROOFLINE SYSTEMS

- Fascias and bargeboards
- Soffit systems
- Eaves protection and ventilation

CLADDING SYSTEMS

- Open V-joint and Shiplap
- Hollow Section Cladding

WINDOWBOARDS AND TRIMS

- Windowboards
- Reveal Liners
- Architraves
- Skirtings
- Small Trims

CELUFORM provide full support services covering:

Guarantee

- Ten year product guarantee



Product Information

Comprehensive technical literature with full product details, technical data and installation guidance

Product Guides

- CELUFORM Roofline systems: fascias, bargeboards, soffits, roof ventilation, eaves protection
- CELUFORM Cladding systems
- CELUFORM Windowboards and trims

Technical Guides

- CELUFORM COSHH Guidance, and glossary of terms

Technical Assistance

- Design, Specification and Estimating

Expert Advice

- Including site visits

CAD Drawings

- Products and application details on disk

Training

- Practical and theoretical courses covering the use of PVC-ue in construction

Installation

- Nationwide availability through selected stockists
- Approved installer and contractor network



New Hythe Business Park
New Hythe Lane, Aylesford, Kent ME20 7SX
Tel: 01622 719199 Fax: 01622 882258

For technical support call the
CELUFORM FREEPHONE TECHNICAL HELPLINE 0800 212903

