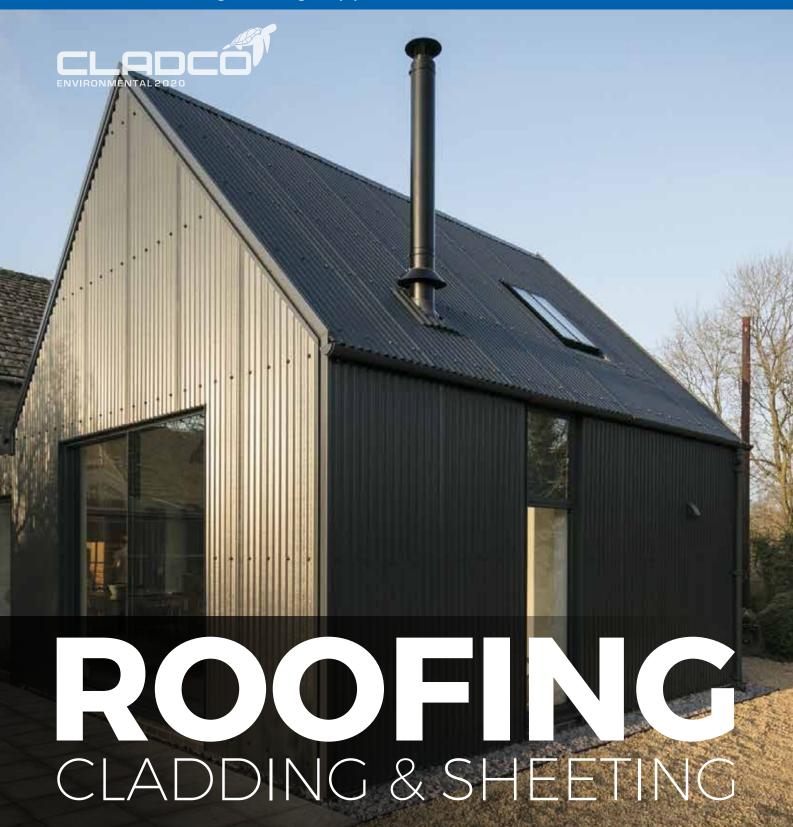
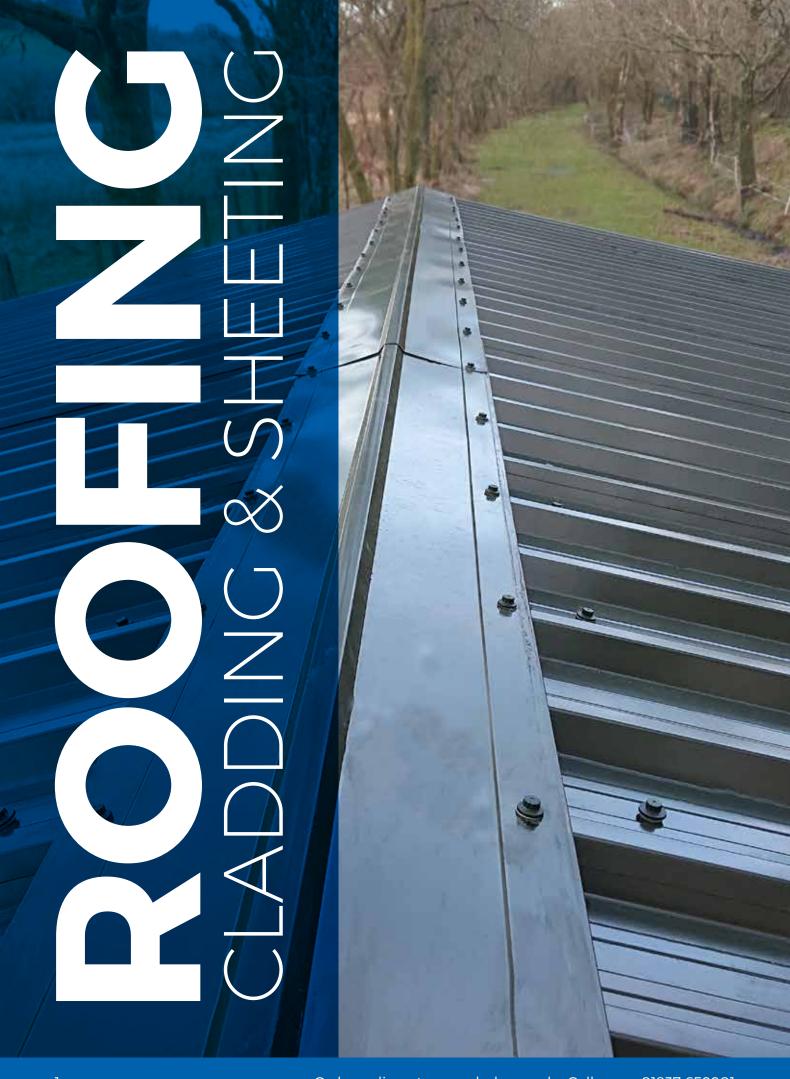
The UK's leading roofing supplier



ORDER ONLINE www.cladco.co.uk or call 01837 659 901







Contents

- 3 Quality of manufacture
- 5 Dripstop condensation control
- 7 32/1000 Box Profile
- 9 34/1000 Box Profile
- 11 13/3 Corrugated Profile
- 13 41/1000 Tileform Profile
- 15 Installation Guide
- 19 Rooflights
- 21 Zed Purlins
- 22 Trims and flashings
- 23 Custom made trims and flashings
- 25 Fixings and accessories
- 27 Roofing case study
- 29 Price list
- 33 Cladco Environmental

At Cladco Profiles we believe in supplying quality custom made roofing and cladding products with excellent customer service at highly competitive prices.

Cladco Profiles is an independently owned family company, established in 1972 as a leading manufacturer and supplier of profiled metal sheeting throughout the UK.

We work closely with our customers, to provide advice on the best solution for your project. Our investment in manufacturing and product development has increased to meet our customers' demands. We have installed the latest sheet metal production machinery, giving us the ability to manufacture sheeting, purlins, trims and flashings to meet our customers' requirements.

We hold large stocks of coated steel coil, GRP rooflights, fixings and accessories, enabling us to supply at short notice.

Available to order online or over the phone.





Quality of manufacture

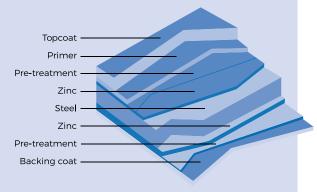
All items are custom made to requirement and manufactured in our warehouse in Devon.

The coated steel strip we make into our products is produced in accordance with a strict series of quality standards by leading suppliers, giving us traceability and quality control. All of our profiled sheeting and purlin products have been independently tested to current CE EN 14782 requirements.

The durability of this material is dependant on the galvanised and protective coatings directly applied to the steel substrate. As a material, steel has long been used in building and has the added benefit of being recyclable.

To produce high quality pre-coated sheeting a system of multi layer coatings is applied to zinc coated high tensile steel strip and oven cured to ensure optimum adhesion. This gives a sheet with excellent corrosion resistance and climatic protection together with abrasion resistance and high strength.

Our sheeting is available in 0.5mm and 0.7mm sheet thicknesses, in either 200 micron leather grain Plastisol, 25 micron polyester Pre laq Mica coating or plain galvanised coatings, suitable for all types of agricultural, industrial and commercial buildings.





PVC Plastisol coated

A pre-finished steel sheet with a 200 micron coating of high quality PVC Plastisol with an embossed leather grain finish which gives long life, typically 15 to 25 years to first maintenance or repaint, with a life in excess of 40 years in normal environments, and a high resistance to scratching and damage.

Polyester Paint coated

A 25 micron thick smooth enamel coating, economic to use and gives excellent weather resistance, typically 8 to 12 years to first maintenance or repaint with a life in excess of 20 years in normal environments, but only a moderate resistance to scratching.

Both sheet types are available in an extensive range of colours, where choice and aesthetic appeal can be matched to environmental and performance requirements. Both types use a light grey enamel coating on the reverse side.

Prelaq Mica

Prelaq Mica product is manufactured according to the BT patent (Bio-based Technology) and therefore holds a high environmental position. In BT coating where a substantial portion of the traditional fossil oil is replaced by Swedish rapeseed oil, which is unique on the market. SSAB holds a worldwide patent for this coating technology.

The thickness of the prelaq mica coating is optimized for wear resistance, weathering resistance and low resource consumption. Prelaq Mica possesses excellent colour retention and also provides good protection against corrosion.





We always insist on Cladco plastisol steel roof sheeting because we only use the best possible materials in the construction of our garden buildings. The quality and service we receive from Cladco is excellent."

John

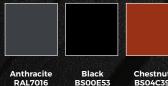


Slate Blue BS18B29

Juniper Green BS12B29

Light Grey

PVC Plastisol Chart



Polyester Paint Coated Chart

Merlin Grey BS18B25

Olive Green BS12B27

White BS00E55

Prelaq Mica



Graphite Grey RAL7016

Please note: colours are for guidance purposes only. The actual colour may vary from image supplied. Numbers represent nearest BS/RAL reference. If you would like to see the actual colour before purchasing, please contact us for a free swatch sample. Please note not all colour variations are available on all thicknesses. Please contact us to find out more.

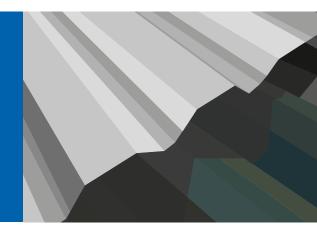


Galvanised

Further information can be obtained by calling our Customer Service Team on 01837 659901



Dripstop condensation control



"Dripstop" anti-condensation membrane applied to reverse

We can also supply our profiled sheeting with Dripstop anti-condensation adhesive felt membrane applied on the reverse as a proven way of stopping sheets dripping with condensation in conditions of high humidity.

Dripstop membrane on the reverse of the sheeting works by providing a medium for trapping moisture in the fibre pockets formed in the polyester felt membrane. Dripstop holds moisture the until conditions go back below the dew point, moisture is then released back into the air as humidity.

Dripstop is self adhesive and applied to the metal panel in the profiling process. The membrane is resistant to aging, and provides an additional layer of protection for your roof.

Condensation

Condensation can occur when warm, moist air inside a building comes into contact with cold surfaces. This occurs on the underside of the roof in un-insulated single-skin metal buildings during the winter, and on clear nights when the temperature of the roofs surface is lowered due to night sky radiation. Condensation can run down the roof and collect on or within the fabric of the building where it can cause rust, rot or damage and may also drip from the roof.

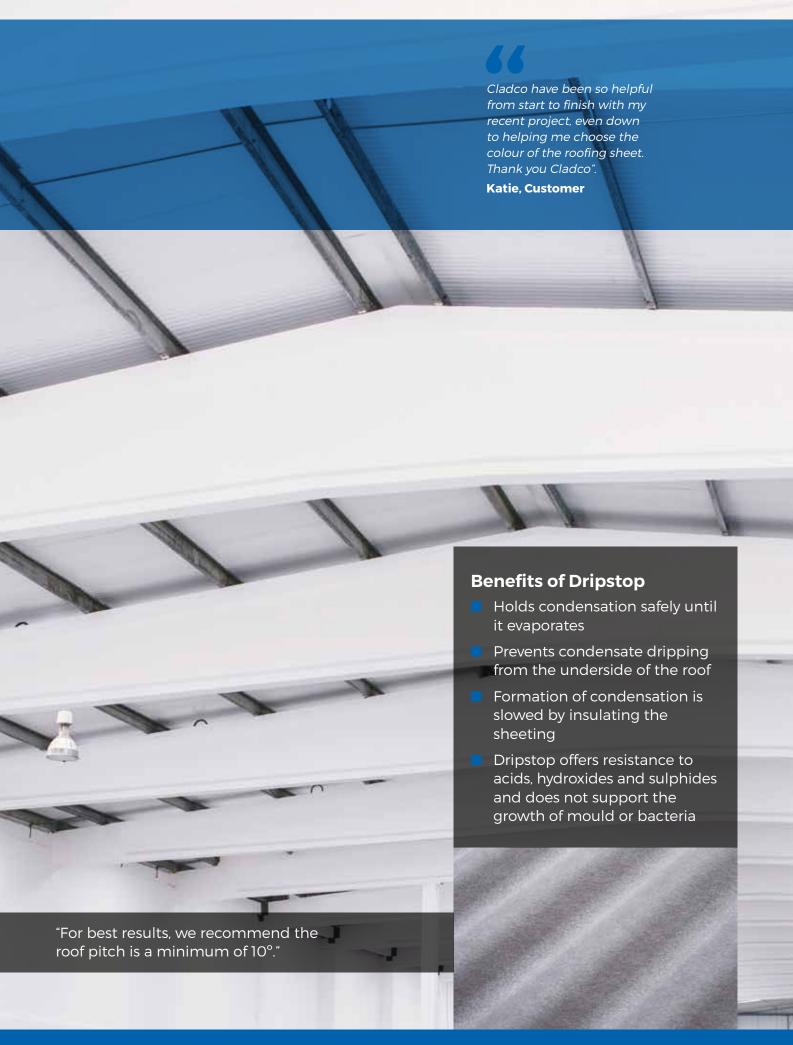
"Dripstop" condensation control

"Dripstop" is a membrane designed to reduce damage from dripping or running condensation on metal roofs in buildings with moderate to high levels of humidity and low ventilation.

Dripstop controls condensation in an environment where you get cyclical condensation occurring. It does not completely prevent condensation and feels damp when touched when working correctly. For this to work properly, the building must be adequately ventilated to allow the material to dry out between each cycle.

The Dripstop membrane absorbs and holds condensation until it can evaporate while insulating the sheeting and preventing drips from the underside of the roof, thus reducing the formation of condensation.





32/1000 Rib/Roof and Crest/Side Clad profile



Lighter with a lower profile and attractive appearance

Cladco Profiles 32/1000 trapezoidal, again sometimes referred to as box profile single skin sheet, gives robust sheet strength with 6 profiles of 200mm pitch across the sheet width and 32mm profile height.

Some users prefer the appearance of this profile as it has lower and fewer profiles. Made from 1220mm coated steel strip and gives 1000mm actual width cover when lapped.

Available in 0.7mm and 0.5mm sheet thickness, PVC Plastisol, polyester paint finish and plain galvanised coated.

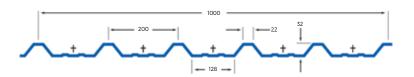
Uses

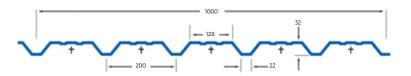
Industrial, agricultural, commercial, and domestic roofing, and cladding.

Can be used as single skin sheeting, over clad of an existing roof or part of a built up insulated system.



Colour swatch sample available, please visit our website to purchase.





Permissible downward (imposed) loads in kN/m2

Sheet thickness	Weight	Span	Span mm									
	kg/m2	Condition	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000
0.50mm		Single	3.49	2.52	1.91	1.37	0.99	-	-	-	-	-
	4.78	Double	2.58	2	1.6	1.3	1.09	0.92	0.79	-	-	-
		Multi	3.15	2.45	1.96	1.6	1.34	1.13	0.86	-	-	-
		Single	5.77	4.17	2.74	1.9	1.37	1.02	0.78	-	-	-
0.70mm	6.22	Double	4.12	3.18	2.53	2.06	1.72	1.45	1.2	0.94	0.75	-
		Multi	5.04	3.9	3.11	2.54	2.11	1.57	1.2	0.94	0.75	-

Permissible wind uplifts (negative) loads in kN/m2

Sheet thickness	Weight	Span					Span	mm							
	kg/m2	Condition	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000			
0.50mm	4.78	Single	3.62	2.62	1.98	1.52	1.1	0.82	-	-	-				
		Double	2.52	1.95	1.56	1.27	1.06	0.89	0.77	-	-	-			
		Multi	3.09	2.39	1.91	1.56	1.3	1.1	0.94	0.82	-	-			
		Single	5.58	4.03	3.05	2.14	1.54	1.15	0.88	-	-	-			
0.70mm	6.22	Double	4.2	3.24	2.59	2.11	1.76	1.48	1.27	1.1	0.96	0.8			
		Multi	5.13	3.98	3.18	2.6	2.16	1.83	1.57	1.25	0.99	0.8			

Specification

Application	Wall or Roof (Vertical & Horizontal)
External Finish	PVC Plastisol, Polyester paint finish or Galvanised
Internal Finish	Light grey Polyester or Galvanised
External Face	Profiled 32/1000, 32mm profile height, 200mm pitch centres
Standard Width	1000mm when lapped
Max Length	9m in 0.7mm sheet thickness - 7m in 0.5mm sheet thickness
Minimum Pitch	4 degrees
Gauge Thickness	0.7mm or 0.5 mm
Weight	0.7mm thickness - 6.9kg/m2, 0.5mm sheet thickness - 6.6kg/m2

When used in roof applications, construction can be safely undertaken down to a 4 degree pitch using conventional through sheet self drilling fasteners in lower parts of profile. Rooflights, fixings, trims and flashings complete the system, offering robust, cost effective sheet cladding.





See how to install your roofing by visiting the installation section of our website.



Cladco staff were very helpful when ordering our roofing sheets. We were able to have colour swatch samples sent which made choosing the colour easy."

Sheila - Customer



34/1000 Rib/Roof and Crest/Wall profile



Our strongest and most popular sheet

Cladco Profiles 34/1000 trapezoidal, sometimes referred to as box profile single skin sheet, gives maximum sheet strength with 7 rigid profiles of 166mm pitch across the sheet width and 34mm profile height. It's made from wider coated steel strip to give a secure weatherproof lap and gives 1000mm actual width cover when lapped.

Available in 0.7mm and 0.5mm sheet thickness, PVC Plastisol, Polyester paint finish and galvanised coated, it is also available with "Dripstop" anticondensation membrane on reverse. This is by far our most popular profile.

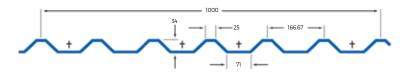
Uses

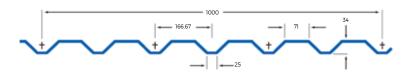
Industrial, agricultural, commercial and domestic roofing and cladding.

Can be used as single skin sheeting, over clad of an existing roof or part of a built up insulated system.



Colour swatch sample available, please visit our website to purchase.





Permissible downward (imposed) loads in kN/m2

	Weight			Span mm									
	kg/m2	Condition	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	
0.50mm 4.	0.50mm 4.78	Single	3.49	2.52	1.91	1.37	0.99	-	-	-	-	-	
		Double	2.58	2	1.6	1.3	1.09	0.92	0.79	-	-	-	
		Multi	3.15	2.45	1.96	1.6	1.34	1.13	0.86	-	-	-	
		Single	5.77	4.17	2.74	1.9	1.37	1.02	0.78	-	-	-	
0.70mm	6.22	Double	4.12	3.18	2.53	2.06	1.72	1.45	1.2	0.94	0.75	-	
		Multi	5.04	3.9	3.11	2.54	2.11	1.57	1.2	0.94	0.75	-	

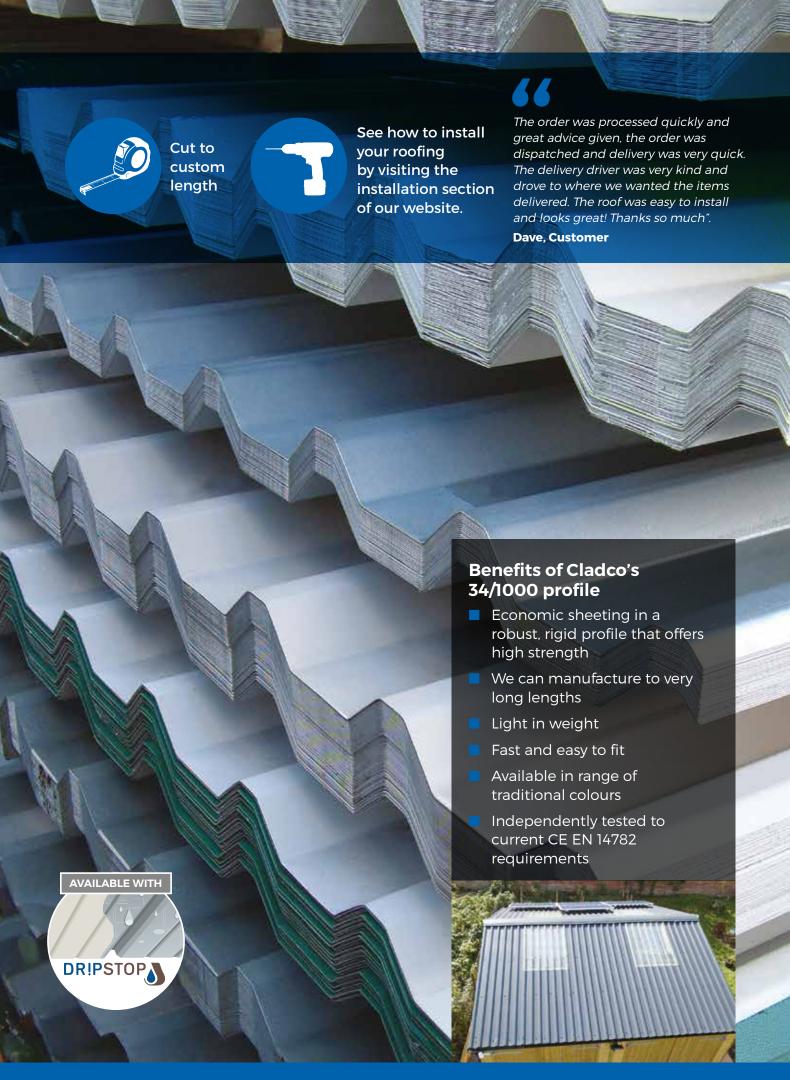
Permissible wind uplifts (negative) loads in kN/m2

Sheet thickness	Weight	Span					Span	mm								
	kg/m2	Condition	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000				
0.50mm 4.5		Single	3.62	2.62	1.98	1.52	1.1	0.82		-	-					
	4.78	Double	2.52	1.95	1.56	1.27	1.06	0.89	0.77	-	-					
		Multi	3.09	2.39	1.91	1.56	1.3	1.1	0.94	0.82	-					
		Single	5.58	4.03	3.05	2.14	1.54	1.15	0.88	-	-					
0.70mm	6.22	Double	4.2	3.24	2.59	2.11	1.76	1.48	1.27	1.1	0.96	0.8				
		Multi	5.13	3.98	3.18	2.6	2.16	1.83	1.57	1.25	0.99	0.8				

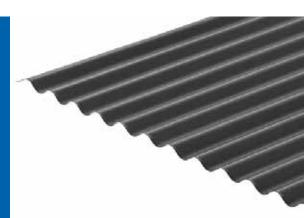
Specification

Application	Wall or Roof (Vertical & Horizontal)
External Finish	PVC Plastisol, Polyester paint finish or Galvanised
Internal Finish	Light grey Polyester or Galvanised
External Face	Profiled 34/1000, 34mm profile height, 166mm pitch centres
Standard Width	1000mm when lapped
Max Length	9m in 0.7mm sheet thickness - 7m in 0.5mm sheet thickness
Minimum Pitch	4 degrees
Gauge Thickness	0.5mm and 0.7mm
Weight	0.5mm thickness - 4.78kg/m2, 0.7mm sheet thickness - 6.22kg/m2

When used in roof applications, construction can be safely undertaken down to a 4 degree pitch using conventional through sheet self drilling fasteners in lower part of profile. Rooflights, fixings, trims and flashings complete the system, offering robust, cost effective sheet cladding.



13/3 Corrugated Profile



The traditional corrugated iron profile

Cladco Profiles traditional 13/3 'corrugated iron' profile. 13 corrugations of 3 inch/76mm round corrugation gives 3ft 3inch/990mm sheet cover when lapped.

Available in 0.7mm and 0.5mm sheet thickness, PVC Plastisol, Polyester paint finish and Galvanised coated, it is also available with "Dripstop" anticondensation membrane on reverse.

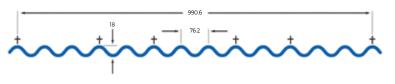
This traditional corrugated iron profile has been used for over a century.

Uses

Industrial, agricultural, commercial and domestic roofing and cladding.

Can be used as single skin sheeting and cladding, over clad of an existing roof or part of a built up, insulated system.





Permissible downward (imposed) loads in kN/m2

Sheet thickness	Weight kg/m2	Span	Span mm							
		Condition	600	800	1000	1200	1400	1600	1800	
0.50mm 4.78		Single	9.32	4.51	2.19	1.22	0.75	-	-	
	4.78	Double	5.93	3.66	2.49	1.81	1.25	0.82	-	
		Multi	7.33	4.54	3.09	2.04	1.25	0.82	-	
		Single	12.3	5.91	2.87	1.6	0.99	-	-	
0.70mm	6.22	Double	8.36	5.1	3.44	2.48	1.64	1.08	0.75	
		Multi	10.4	6.36	4.29	2.67	1.64	1.08	0.75	

Permissible wind uplifts (negative) loads in kN/m2

Sheet thickness	Weight	Span	Span mm							
	kg/m2	Condition	600	800	1000	1200	1400	1600	1800	
0.50mm 4.7		Single	9.32	4.94	2.92	1.63	1	-	-	
	4.78	Double	5.93	3.66	2.49	1.81	1.37	1.08	0.76	
		Multi	7.33	4.54	3.09	2.24	1.67	1.1	0.76	
		Single	5.58	4.03	3.05	2.14	1.54	1.15	-	
0.70mm	6.22	Double	8.36	5.1	3.44	2.48	1.87	1.44	1	
		Multi	10.4	6.36	4.29	3.1	2.19	1.44	1	



Specification

Application	Wall or Roof (Vertical & Horizontal)
External Finish	PVC Plastisol, Polyester paint finish or Galvanised
Internal Finish	Grey Polyester or galvanised
External Face	Corrugated 13/3 profile (13 profiles of 3 inches when lapped), 18mm profile height, 76mm pitch centres
Standard Width	990mm when lapped
Max Length	6m in 0.7mm sheet thickness - 5m in 0.5mm sheet thickness
Minimum Pitch	10 degrees
Gauge Thickness	0.5mm and 0.7mm
Weight	0.5mm thickness - 4.78kg/m2, 0.7mm sheet thickness - 6.22kg/m2

When used in roof applications, construction can be safely undertaken down to a 10 degree pitch using conventional nail or self-drilling screw fixings on top of corrugated profile. Rooflights, fixings, trims and flashings complete the system, offering cost effective traditional 'corrugated iron' sheet cladding.



Cut to custom length



See how to install your roofing by visiting the installation section of our website. We used Cladco corrugated sheets on our garden shed and were so pleased with the quality, the sheets are made to length and were made in just a few days. Really impressed!"

Angela - Customer



Tileform 41/1000 tile sheet profile



Elegant appearance with the benefits of coated steel

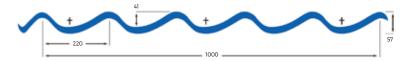
A classic pan tile form metal sheet that gives the appearance of traditional clay tiles. Standard width 1,000mm when lapped. Available in custom lengths up to 5 metres. Single gauge (thickness) of 0.6mm. A coloured mica coating is available for the external face, we offer two colours, copper brown or graphite grey.

Uses

Industrial, agricultural, commercial and domestic roof sheeting.

Can be used as single skin sheeting and cladding, over clad of an existing roof or part of a built up, insulated system.











Specification

Application	Roof (Vertical)
External Finish	Coloured Mica Coating
Internal Finish	Grey Polyester
External Face	41/1000 tile sheet, 41mm profile height, 200mm pitch
Standard Width	1000mm when lapped
Max Length	5m
Minimum Pitch	12 degrees
Gauge Thickness	0.6mm
Weight	5.9kg/m2
Recommended purlin spacing	600mm

When used in roof applications, construction can be safely undertaken down to a 12 degree pitch using conventional self-drilling TEK screw fasteners at lower point of profile into purlin supports. Fixings, trims and flashings complete the system, offering cost effective traditional sheet cladding with a roof tile appearance.



Roofing installation guide

Before you get started

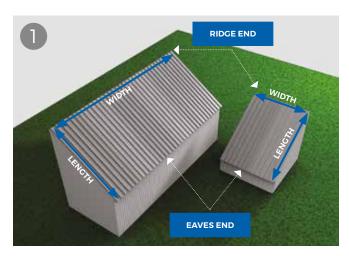
Working out the sheets, flashings, fixing screws and fillers which are needed for a job can be difficult. If you let us know the details of your roof we can help you figure out what you need and ensure that you place the right order. Remember that sheets and flashings are often fabricated to order and it could be 1 to 2 weeks before you take receipt of your order. Make sure your plans allow for a suitable lead time prior to delivery.

UK law requires employers and self-employed contractors to formally assess the risks associated with each roofing job and, before starting their work, to plan and organise their work so that it is carried out in a safe manner. Further information on this and working at heights, other applicable legislative requirements can be found by visiting the Health and Safety Executive's website www.hse.gov.uk. Receipt of goods sheets and flashings are bundled together and shipped in packs that are heavy and awkward to handle making delivery worth the extra expense. Upon receipt of your order, check that it's correct and consistent with the accompanying delivery note. Any issues should be reported to us immediately by phoning our Customer Service Team on 01837 659901. Extra care should be taken in windy or exposed areas when moving or lifting sheets. The edges of sheets and flashings can be sharp so remember to always wear protective gloves with rubber palms for grip, when handling the sheets.

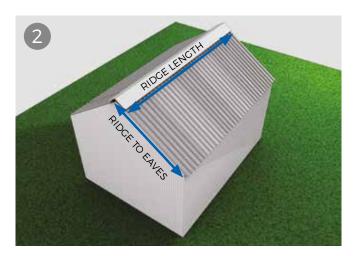
For your safety

Roofing work can be hazardous. Caution should be exercised and appropriate safety precautions taken including the wearing of suitable protective gloves, clothing, footwear and hard hat.

Care should be taken when handling sheets to prevent damage and injury during installation. If possible, mechanical handling equipment should be used. Dragging one sheet's edge across another when unloading may cause scratching of the sheet below, so make sure the sheet is lifted clear and not dragged. Any packaging should be removed before lifting sheets onto a roof.



A single slope roof sometimes referred to as mono pitch or lean to roof. When working out your sheeting requirements, we require the length and width as shown in the diagram for us to be able to help you with a quotation. A width measurement is used to calculate the number of sheets required. The length measurement is used to calculate the length of sheets required.

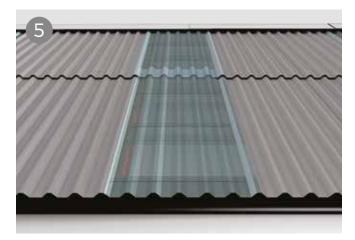


Apex roofs are separated by a central ridge. As per the diagram we require the length of sheet from ridge to eaves and the ridge length to calculate your requirements. You will need to measure both sides of the roof as the building/roof can vary in size from side to side. If the apex is uneven ridge to eaves will need to be taken on both sides.

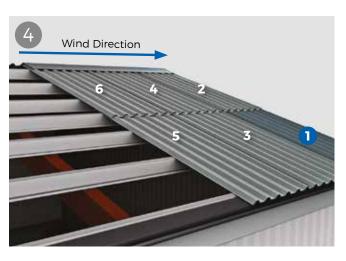


For Box Profile 34/1000 the purlin spaces on average should be approximately 1.2m apart. Tileform purlin spaces should be 600mm. Corrugated purlin spaces should be 1200mm. If using 0.5mm for the roof (which is normally used for side sheeting) you would need to reduce purlin spaces to no more than 1m apart. Please note, these are recommended spacings but always seek advise from a structural engineer before installing to confirm as spacing can vary dependant on the pitch of roof.

When constructing your purlin support structure, consideration should be given to the need for additional purlins to support your ridge caps and other flashings.



Sheets should be overlapped by the next sheet in the run by at least one profile or corrugation ('side laps'). Adjacent runs of sheets should overlap each other by at least 250mm ('end laps'). Please note, we can only supply up to certain lengths. If you require a longer length, you will need to do a 2-sheet run. It is good practice to use mastic lapping tape and stitching screws to ensure a robust weather resistant joint on side laps.



For a single pitch roof in box profile the minimum degree of pitch we recommend is 4 degrees. For corrugated we recommend a minimum of 10 degrees and for tileform we recommend a minimum of 12 degrees. Start at the eaves and in the corner away from the direction of the prevailing wind (this will help to prevent side laps facing into the wind and water ingress). If the first sheet is not laid perpendicular to the eaves and ridge, adjustments will have to be regularly made when laying other sheets and a 'saw tooth' effect at the eaves will be seen. This may be unavoidable if the building is not square. The sheets should extend over the bottom purlin and the eaves so that rainwater can drain into a gutter or beyond the wall.



For Box Profile we recommend you fix the sheet into trough 1, 3, 4 and 6. For corrugated sheeting longer screws are required fix into the crown of the sheet using a 65mm TEK screw with a baz washer. For Tile form we recommend you fix the sheet into trough 1, 3 and 5, we suggest a minimum of 45mm screw. The bottom end of the sheets you can fix in each trough to help prevent wind uplift of the sheets.

TOP TIP

When measuring your roof always measure in more than one place to ensure your roof is square.

If you find you have different measurements always order your sheets to the longest length.

This guide is a general guide for all profiles, if you would like specific fitting instructions for a particular profile please see our website.

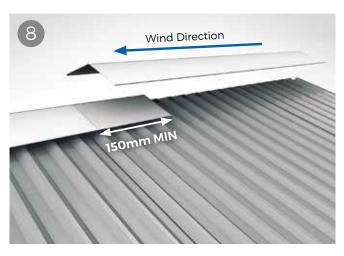


Self drilling "stitching" TEK screws are available for fixing trims to sheet or sheet to sheet on laps. Colour caps are used to cover screw heads. We recommend different screws dependent on the profile and purlin material you are using. Its recommended to use stitcher screws to secure

TOP TIP

Do not over-tighten or under-tighten your screws as this can affect the performance of the washer and prevent it from sealing correctly. See diagram above.

flashings into place.



Ridge Flashings are used for the ridge on an Apex roof, where as for a single slope roof you may need to use a custom flashing. To fit the ridge use stitcher screws into the flashing and onto the sheets. Lay ridge caps from the opposite end of the roof to the direction of prevailing winds. Each cap should be overlapped by the next cap in the run by a minimum of 150mm. We usually recommend ridge caps are fixed using selfdrilling TEK type stitching screws to the high point of each profile they cover and through the appropriate ridge filler if one is being used. This helps ensure a weather resistant joint as well as keeping out birds and vermin.



Corner barge flashings are used at the end of a run of sheets to trim and seal off the edge of the roof. All flashings are a vital part of any profiled clad roof as they not only help to weatherproof the building but also add to it aesthetically too. Our corner barges for sheet metal flashing can be colour coded to match your roof sheets. Barges should be fixed using stitcher screws. You will need to allow an overlap of a minimum of 200mm when fitting barges end on end.

TOP TIP Clean the roof of any debris whilst fixing the sheets down. This will prevent it from burning through the coating on the sheet



Fillers can help ensure a robust weather resistant joint as well as keeping out birds and vermin. An eaves filler strip is designed to go under a sheet, while an opposite ridge filler strip is designed to go over a sheet. All foam filler strips should be bonded to the pans or valleys of the sheeting with a flexible, waterproof silicone sealant and should be continuous over the entire width of the sheeting. This silicone bonding will add an extra layer of protection when filling gaps in roof sheets if done correctly, will ensure nothing can get through the gaps.

TOP TIP

Always remember to use safety gloves when handling sheets due to sharp edges.

Whether you are fitting our 32/1000, 34/1000, corrugated or tileform roofing, our installation guides and online videos will enable you to fit the roofing correctly and safely.



32/1000 34/1000 13/3 Corrugated Sheet

On a two sheet run remember to have a purlin under the overlap as shown. These are guides and it depends on your roof construction and pitch. If in doubt consult an engineer. Purlin Spaces using 7 thickness sheet should be approximately 1.2m apart.



Purlin Spaces using 5 thickness sheet should be approximately 1m apart.



Tile Sheet

Purlin spaces for tile sheets need to be 600mm apart. These need to be in the correct place to be able to fix correctly at the top end of every second tile as shown.

TOP TIP

Before completing or installing any purlins, if in doubt please consult a qualified professional.

Please note this is a guide and we always recommend consulting a professional before starting work.

Watch the installation videos on our website... www.cladco.co.uk



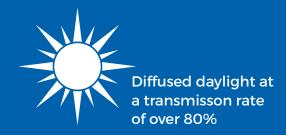




Whether you are fitting our box profile, corrugated or tileform sheeting, our installation guides and online videos will help you to fit the roofing correctly and safely, To complete your project we offer safety gloves and the necessary fixings, adhesives, sealants and fillers. You can also find installation videos by visiting YouTube and searching for Cladco Profiles.

Rooflights

Our fast and easy to fit rooflights will let natural daylight in whilst offering protection against ultraviolet rays



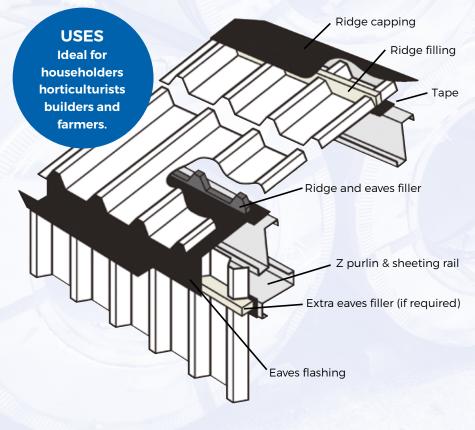


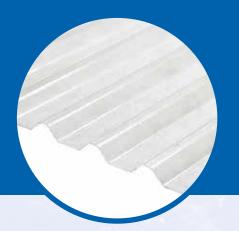
To let natural daylight into a sheeted building you can replace some of the metal sheet panels with rooflights, translucent sheets made of GRP, to match Cladco Profiles sheet profiles detailed on the previous pages.

Our translucent roof sheets are made from high grade GRP glass fibre 1.5mm thick offering extremely high impact resistance, minimising the risk of breakage. They let in diffused daylight at a transmission rate of over 80% and give excellent flexibility and light stability.

The protective polyester film bonded to both surfaces prevents moss and lichen growth and discolouration as well as offering protection against the degrading effects of ultra-violet radiation in natural sunlight.

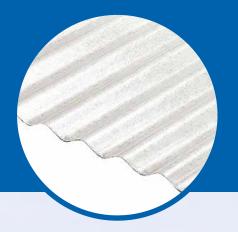
Our GRP rooflights are also suitable for carports, canopies, walkways and screens. We keep stock lengths from 2.5 metre to 5 metre lengths and our GRP rooflights are both independently drop tested and fire tested.





34/1000 Profile Glass Reinforced Plastic (Fibreglass) Rooflights

Translucent lightweight GRP sheets that let in diffused daylight at an 80% transmission rate. Width and profile to match that of our Box Profile 34/1000 sheet. Available in a range of lengths. A resin enriched gel coat finish protects against the effects of UV radiation and gives a strong life expectancy in excess of 15 years.



Corrugated 13/3 Profile Glass Reinforced Plastic (Fibreglass) Rooflights

Use with our Corrugated Profile 13/3 sheet or on their own. Made from translucent GRP of 1.5mm thickness these sheets let in day light at a transmission rate of over 80%. Width and profile to match that of our Corrugated Profile 13/3 metal sheet. Available in a range of lengths. A resin enriched gel coat finish protects against the effects of UV radiation and gives a strong life expectancy of in excess of 15 years.



32/1000 Profile Glass Reinforced Plastic (Fibreglass) Rooflights

Use with our 32/1000 Box Profile sheet or on their own. Translucent lightweight GRP sheets that let in diffused daylight at an 80% transmission rate. Width and profile to match that of our Box Profile 32/1000 sheet. Available in a range of lengths. A resin enriched gel coat finish protects against the effects of UV radiation and gives a strong life expectancy in excess of 15 years.

Benefits of Cladco's roof lights and translucent sheets

Natural daylight with weather protection offering long maintenance free life

Economic sheeting in a robust profile, will withstand high winds and hailstones

- Lightweight
- Fast and easy to fit, can be fixed and cut with simple tools, no specialised equipment required
- Offers sun protection against damaging ultra violet rays
- Independently tested to current CE EN 14782 requirements
- Gel coat protects the sheet to give a long life
- User friendly when being fixed
- Ideal for plant growing



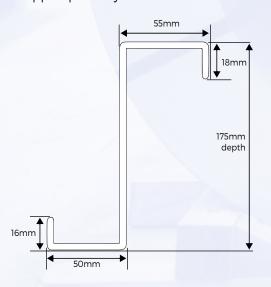
Zed purlins

Made to length from 1.8mm thick high tensile Z39 structural grade galvanised steel

We manufacture metal purlins/ sheeting for supporting either roof sheets or vertical wall cladding, Z Purlins are 175mm and our production system enables the accurate manufacture of metal Z purlins to lengths of up to 9m. This traditional well proven system of sheet support offers a high degree of strength, flexibility, and weight saving over timber or hot rolled steel sections with ease of handling on-site and during installation.

We produce 175mm zed purlin profiles made from 1.8mm Z39 structural grade galvanised steel. Purlins are made from high tensile Z39 structural grade steel with a galvanised coating for long life so no additional finish is required.

Our sections are designed to BS EN 1993-1-3:2006 using analysis and testing and satisfy the requirements of BS5950: Part 5 (1998). We supply sleeves for joining purlins together and weld or bolt on cleats for joining purlins to rafters. Our zed purlins can be produced for sleeved, double span sleeved, butted and over lapped purlin systems.





Benefits of Cladco's metal zed purlins

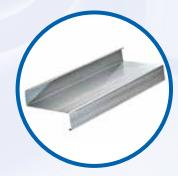
- Manufactured to exact lengths up to 9m
- Made from structural grade Z39 galvanised steel, 1.8mm in thickness for maximum strength and long life
- Lighter, stronger and cheaper than equivalent timber purlins
- Independently tested to current CE EN 14782 requirements, loading tables available on request



Purlin Cleats

Cladco Purlin Cleats are designed to be bolted to our 175mm Z Purlins to enable you to join the purlins to the rafters.

Manufactured from high grade steel with a natural finish they come pre drilled with an 18mm for use with M16 bolts



Purlin Sleeves

The Z purlin sleeves used alongside our Z purlins system will give you a lighter, stronger and cheaper way to support your roof sheets with ease of handling for on-site installations.

Trims and flashings

Finish off your installation with Cladco colour matched trims and flashings



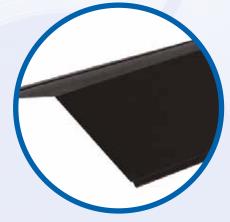
Trims and flashings are used to finish the ends and corners of a run of roofing sheets, helping to protect your building against water intrusion. As well as being an integral component for the performance of your box profile, Tile Form or corrugated roof flashings are also a good opportunity to enhance the aesthetics of your building. Here at Cladco Profiles, we manufacture and supply high-quality roof edge flashing made from steel with a variety of coatings, and a great choice of colour options of our metal roof edge flashings available too.



Nordic ridge capping

Used at the apex to cover the join of two roofing sheets, ridges are a necessary part of any profiled clad building. Nordic ridge capping can be made in the same range of colours and finishes as our standard sheeting meaning they can finish off your building to the highest standard.

Our standard stock size is 195mm x 195mm and come in 3m lengths and 130-degree internal angle and will flex 10 - 15 degrees either way, dependent on the angle of your roof.



Ridge capping

Used at the apex join of two sides of the roof, ridges are a necessary part of any profiled clad building and with the range and colours that are available can enhance the aesthetics of any structure.

Our ridges include a safety welt to increase the strength of the material.

Our standard stock size is 200mm x 200mm and 3m length with a 50 degree pitch and 130° internal angle and are available in various colours and finishes to suit sheeting.

We can fold most flashing shapes to customers requirements in 3 metre lengths at short notice.



Barge boards / corner trims

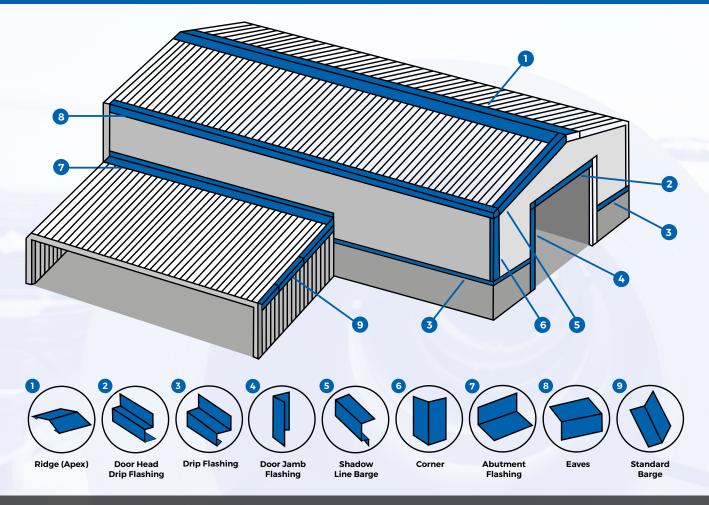
Used at the end of a run of sheets to trim and seal off the edge of the roof. At Cladco Profiles we aim to accommodate wherever possible, simply give us the dimensions or drawing of the trim you need folded and we will do our best to accommodate you.

Our flashings come with a safety welt to increase strength of the material. Stock flashings have a 90 degree angle and measure 200mm x 200mm with a 3m length.

Flashings are a necessary part of any profiled clad building and with the range and colours that are available can enhance the aesthetics of any structure.

Custom made trims and flashings

Our trims and flashings can be bespoke made to our customer's specifications and dimensions in 3 metre lengths using 0.7mm thick flat sheet throughout our entire colour range in Plastic Coated, Paint Coated, Mica Coated Finish or Galvanised steel complete with safety edges if required. Our trims can also be tapered to fit custom valley and guttering systems.



Typical flashings are

- Ridge capping used at the apex join of two sides of a roof
- Barge boards/corner trims used at the end of a run of sheets to trim & seal off the edge of the roof
- Abutment flashing, for sealing the join where the roof sheets come off a vertical wall
- Drip trays/sill flashings, to trim the bottom edge of vertical side cladding or window and door reveals

We can make custom flashings to most requirements, simply call our sales team or visit our website to find out more.





Custom Flashing

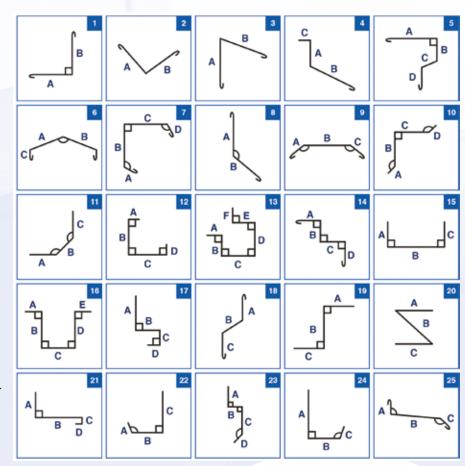
We can design and manufacture custom flashings to suit your project. Available in the same colour and finish as your Cladco roof.

Choice of coatings

The coated steel strip we supply and profile into sheeting and flashings is produced by leading suppliers including; Corus, Arcelor and Dobel, giving us control over quality and traceability of the material we use.

Our trims and flashings can be bespoke made to our customer's specifications and dimensions in 3 metre lengths using 0.7mm thick flat sheet throughout our entire colour range in Plastic Coated, Paint Coated or Plain Galvanised steel complete with safety edges if required. The maximum width custom flashings can be made to is up to 1200mm due to the size flat sheet they are manufactured from.

These images (right) are examples of the types of flashings we can produce. Contact us with your requirements. Please include any measurements you have for our sales team to provide an accurate quotation.





Fixings and accessories

We stock various screws and accessories and will help you choose the correct fixings for your needs.

Self drilling TEK type screws with a 5/16th hex head and a stainless steel and neoprene bonded saddle washers, used in lower section of sheet profile to fix sheet to either wood or metal purlins. Longer screws up to 175mm in length are available for fixing through insulation materials or composite panel.

Self drilling "stitching" TEK screws are available for fixing trims to sheet or sheet to sheet on laps. Colour caps are used to cover screw heads.



Self-drilling TEK type screw fixings with a 5/16th hexagonal head for attaching sheets to timber purlins. Under the screw head there is a stainless steel washer and bonded neoprene pad to create a seal with the sheet.

Select the screw most suitable for your application

SHEETING TYPE	WOOD TEK SCREW TYPE
Box Profile 34/1000	TF32-S19
Box Profile 32/1000	TF32-S19
Corrugated Profile 13/3	TF65-BAZ
Tile Profile	TF32-S19
Sheets with insulation (40mm)	TF80-S19
Sheets with insulation (60mm)	TF105-S19
Sheets with insulation (80mm)	TF125-S19
Sheets with insulation (100mm)	TF150-S19

Please note this is a guide only.

Colour Caps (Pack of 100)

Available in a range of colours to compliment your roofing sheets





Anthracite

Black



Slate Blue

Copper





Goosewin

Graphite Grev





Juniper Green

Merlin Grey





Moorland Green

Olive Green





Chestnut

White



Timber Frame Screws

Timber Fixings available in sizes 32mm, 45mm, 65mm, 80mm, 95mm, 105mm, 125mm & 150mm



Light Steel Screws

Fixings for Light Steel available in sizes 25mm, 57mm, 85mm, 115mm & 135mm



Heavy Steel Screws

Fixings for Heavy Steel available in sizes 38mm, 55mm, 75mm, 105mm & 125mm



BAZ TEK Screws

For fixing Corrugated Sheets to wood, 65mm long with BAZ washer



Stitching Screws

22mm screws for stitching flashings/



Mastic Tape

Available either as 9mm x 15mm x 30m or 9mm x 3mm x 15m



Gun Foam

750ml Can. High performance, external use polyurethane expanding foam filler and sealer



Profile Fillers

Profilled Supaseal 25mm thick available for all Cladco Roofing Profiles



Silicone Sealant

Silicone elastic low modulus sealant. 310ml cartridge - clear



Safety Gloves

Suitable for handling our metal sheeting and flashings to protect your hands. Available in three sizes.



Sheet Metal Nibbler

A quick and safe way to cut your roofing sheets without creating sparks. Also suitable for cutting other materials.



Universal Sealant Gun

Designed to carry our 300ml silicone cartridges. Also has a cleaning pin to help keep the nozzle clear.

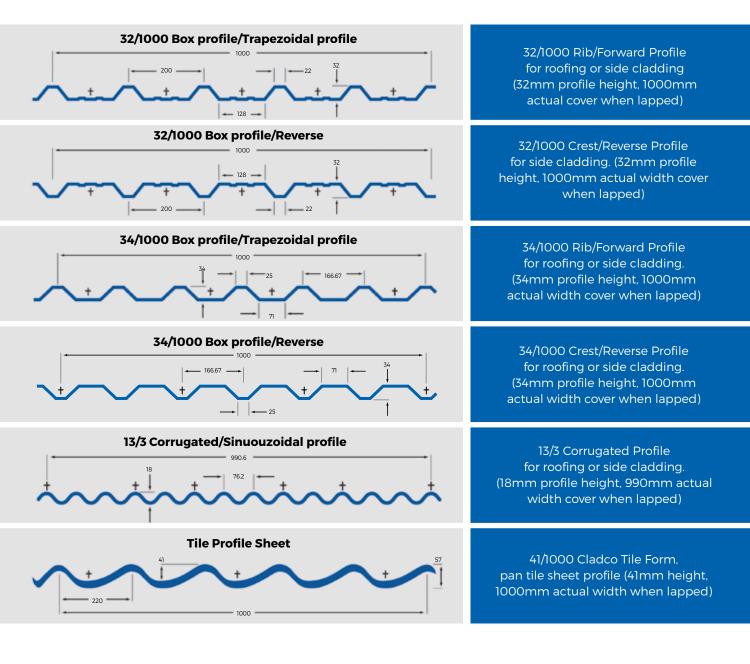
Case study

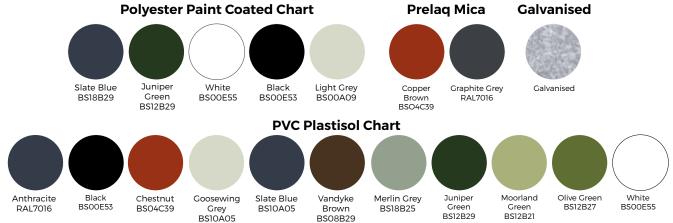
This Contemporary extension to a 19th Century stone cottage was designed to reflect the agricultural character of traditional farm building in the North Cotswolds in the UK. The property owners have lived in the cottage for 20 years and had always found the small cottage kitchen and dining area very constricted especially with returning family. An adjacent paddock had been purchased a few years ago and views out to this from the small cottage windows were limited. An extension had therefore been a long-standing ambition but the challenge was to create a contemporary addition that would provide wide views out to the paddock without spoiling the humble but balanced appearance of the semi-detached cottage. This entire project was beautifully created and designed with a team of experts. The use of Cladco Corrugated Sheeting has set this extension apart from so many others and given the owners a new light, bright and creative space to enjoy for many years to come.





Profiles





Please note: colours are for guidance purposes only. The actual colour may vary from image supplied. Numbers represent nearest BS/RAL reference. If you would like to see the actual colour before purchasing, please contact us for a free swatch sample. Please note not all colour variations are available on all thicknesses. Please contact us to find out more.

Manufactured to length

Please note that all prices exclude VAT

32/1000, 34/1000 and 13/3 Corrugated Profile Sheets manufactured to length	Price £/ Metre Run	Price £/ Ft Run	Weight Kg/ Metre Run
PVC Plastisol coated (Leathergrain Colour coat) 0.7mm thickness, made to length in our stock colour (colours on back of price list)	£9.75	£2.97	6.9kg
PVC Plastisol coated (Leathergrain Colour coat) 0.5mm tickness, made to length in our stock colours (colours on back of price list)	£7.95	£2.42	5.9kg
Polyester paint finish 0.7mm thickness, made to length in our stock colours (colours on back of price list)	£7.70	£2.35	6.6kg
Polyester paint finish 0.5mm thickness, made to length in our stock colours (colours on back of price list)	£6.40	£1.95	4.9kg
Drip stop anti-condensation flock membrane applied on reverse of sheet - minimum order requirements 30 metres	£2.45	£0.75	

41/1000 Cladco Tile Form, pan tile sheet profile	Price £/	Price £/	Weight Kg/
	Metre Run	Ft Run	Metre Run
(Prelaq Mica coat) 0.6mm thickness made to length in our stock colour (colours on back of price list)	£13.95	£3.89	5.9kg

Flat sheets	Price / each
3000mm x 1240mm (approx.) (9ft 10" x 4ft) Polyester Paint Coated metal flat sheets, 0.7mm thickness or PVC Coated metal flat sheets, 0.7mm thickness	£36.00

Roof lights/clear sheets from stock	Price £/ Metre Run	Price £/ Ft Run	Weight Kg/ Metre Run
34/1000 profile GRP roof lights/translucent sheets 8oz GRP, 1.5mm thickness, grade SAB3 stock sizes: 2500mm, 3000mmm, 3500mm, 4000mm, 4500mm, 5000mm	£14.75	£4.50	2.4kg
32/1000 profile GRP roof lights/translucent sheets 8oz GRP, 1.5mm thickness, grade SAB3 stock sizes: 2500mm, 3000mmm, 3500mm, 4000mm, 4500mm, 5000mm	£14.75	£4.50	2.4kg
13/3 Corrugated 3" profile GRP roof lights/translucent sheets 8oz GRP, 1.5mm thickness, grade SAB3 stock sizes: 2500mm, 3000mmm, 3500mm	£14.75	£4.50	2.4kg

Sheets from stock

Sheets from stock	Price £ Metre Run	Price £/ Ft Run
Yard stock, box profile and corrugated sheets from stock	From £4.75	From £1.45

Please note, prices are correct at time of printing but can be subject to change without notice. For up to date prices please call our sales team.

Price List

Trims and flashings

Please note that all prices exclude VAT

Ridge Capping from stock	Price / each
3m lengths, 200mm x 200mm, 130 degrees in polyester paint finish	£13.95
3m lengths, 200mm x 200mm, 130 degrees in PVC Plastisol finish	£17.75
3m lengths, 150mm x 150mm, 130 degrees in polyester paint finish	£10.46
3m lengths, 150mm x 150mm, 130 degrees in PVC Plastisol finish	£13.31
3m lengths, 200mm x 200mm, 130 degrees in Prelaq finish	£17.75
3m lengths, 150mm x 150mm, 130 degrees in Prelaq finish	£13.31

Barge / Corner Capping from stock	Price / each
3m lengths, 200mm x 200mm, 90 degrees in polyester paint finish	£13.95
3m lengths, 200mm x 200mm, 90 degrees in PVC Plastisol finish	£17.75
3m lengths, 200mm x 200mm, 90 degrees in Prelaq finish	£17.75
3m lengths, 150mm x 150mm, 90 degrees in polyester paint finish	£10.46
3m lengths, 150mm x 150mm, 90 degrees in PVC Plastisol finish	£13.31
3m lengths, 150mm x 150mm, 90 degrees in Prelaq finish	£13.31

Custom made flashings	Price / each
Up to 200mm total girth, 3 folds	£11.95
Up to 400mm total girth, 3 folds	£21.95
Up to 600mm total girth, 3 folds	£27.95
Up to 1200mm total girth, 3 folds	£45.95
Drip Tray Flashings – 3m	£19.75

Sealants	Price / each
Silicone Elastic Low Modulus Sealant, 310ml cartridge, clear	£3.48
Mastic Sealant Strip, 9mm x 1.5mm 30m reels	£4.61
Gun Foam, 750ml Can of high performance external use polyurethane expanding foam filler and sealer	£10.60

Timber Purlins	Price / each
Sawn Green Treated Timber support 47mm x 150mm	£13.96
Sawn Green Treated Timber Support 47mm x 100mm	£9.55

Please note, prices are correct at time of printing but can be subject to change without notice. For up to date prices please call our sales team.

Foam fillers

Profiled Supaseal 25mm with a 6mm base black foam filler blocks	Price
34/1000 under profile (small flute/eaves fillers)	£1.20 each
34/1000 profile pairs (1 over profile, 1 under profile)	£2.20 pair
32/1000 under profile (small flute/eaves fillers)	£1.20 each
32/1000 profile pairs (1 over profile, 1 under profile)	£2.20 pair
Corrugated 13/3 profile foam filler blocks (over or under profile)	£1.20 each
41/1000 Tile form profile pairs (1 over profile, 1 under profile)	£2.20 pair
Trisomet composite panel ridge fillers	£2.20 each

Plain Galvanised (Z39) structural grade steel Z purlins made to length (no punching)	Price £/ Metre Run	Price £/ Ft Run	Weight Kg/ Metre Run
175 mm depth, 1.8mm thickness Z17516	£5.20	£1.58	3.69kg
Sleeves to suit 175mm purlins, 550mm length	£6.00 each		
Boltable cleats to suit 175mm purlins	£6.10 each		

TEK type self-drilling valley fix screws and accessories

5/16th hexagonal head with 19mm bonded sealing washer

Sheet to Wood purlins	Price
TF32mm (Pack of 100)	£8.00
TF45mm (Pack of 100)	£9.00
TF65mm (Pack of 100)	£15.00
TF80mm (Pack of 100)	£17.00
TF95mm (Pack of 100)	£25.00
TF105mm (Pack of 100)	£21.00
TF125mm (Pack of 100)	£25.00
TF150mm (Pack of 100)	£33.00
TF175mm (Pack of 100)	£55.00
TF65mm with BAZ washer for fixing corrugated sheets to wood (Pack of 100)	£17.00

Sheet to Zed purlins	
LS25mm (Pack of 100)	£8.00
LS57mm (Pack of 100)	£12.00
LS85mm (Pack of 100)	£15.00
LS115mm (Pack of 100)	£18.00
LS135mm (Pack of 100)	£21.00

Sheet to Steel purlins	Price
HS38mm (Pack of 100)	£12.00
HS55mm (Pack of 100)	£15.00
HS75mm (Pack of 100)	£19.00
HS105mm (Pack of 100)	£23.00
HS125mm (Pack of 100)	£27.00
ST22mm Stitching Screws (Sheet to Sheet) (Pack of 100) TEK Screw colour caps (Pack of 100)	£8.00
TEX Screw colour caps (Pack of 100)	12.00
Accessories	Price
Accessories Bundle (includes Gloves, Sheet Metal Nibbler and Sealant Gun)	£32.99
Safety gloves	£4.16
Sheet Metal Nibbler	£23.33
Universal Sealant Gun 300ml	£4.13
TEK screw socket driver tool	£6.00
Aviation Tin Snips Straight Cut	£9.95

Please note, prices are correct at time of printing but can be subject to change without notice. For up to date prices please call our sales team.

Cladco Environmental 2020

Over the last few years, We have made some major changes in the way our business operates in order to improve sustainability and to reduce it's impact on the environment. We are constantly reviewing the way we work and setting new targets to ensure that as a business, we are being as environmentally friendly as we can be.



It's more important than ever for companies to start looking at ways to be more environmentally friendly. Over the years we have made many changes throughout our business and we wanted to share with you our 'greener' journey.

From using electric forklifts, to minimising the use of paper in the office, upcycling our pallets and recycling 100% of our purchased steel, we are proud of the efforts we are making. In 2020 we will see the installation of showers in our new unit so that we can encourage staff to use the cycle to work scheme.

More than 60 million plastic bottles end up in landfill every day. 22 Billion Plastic Bottles were thrown away in 2017. We are creating our own deionised water for our forklifts by using our own filtering system. This saves using thousands of plastic bottles. If we do not act now, by 2050 there could be more plastic in the ocean than fish.

We recycle all our paper and printing ink. Our packaging is all recyclable, we take all our scrap metal for recycling and plans are in place to recycle and manage all our waste systems.

Our target we are working towards is for all of our forklifts to be electric, 90% of our vehicles are ultra low emission compliant and do not sit idle therefore avoiding fuel wastage.

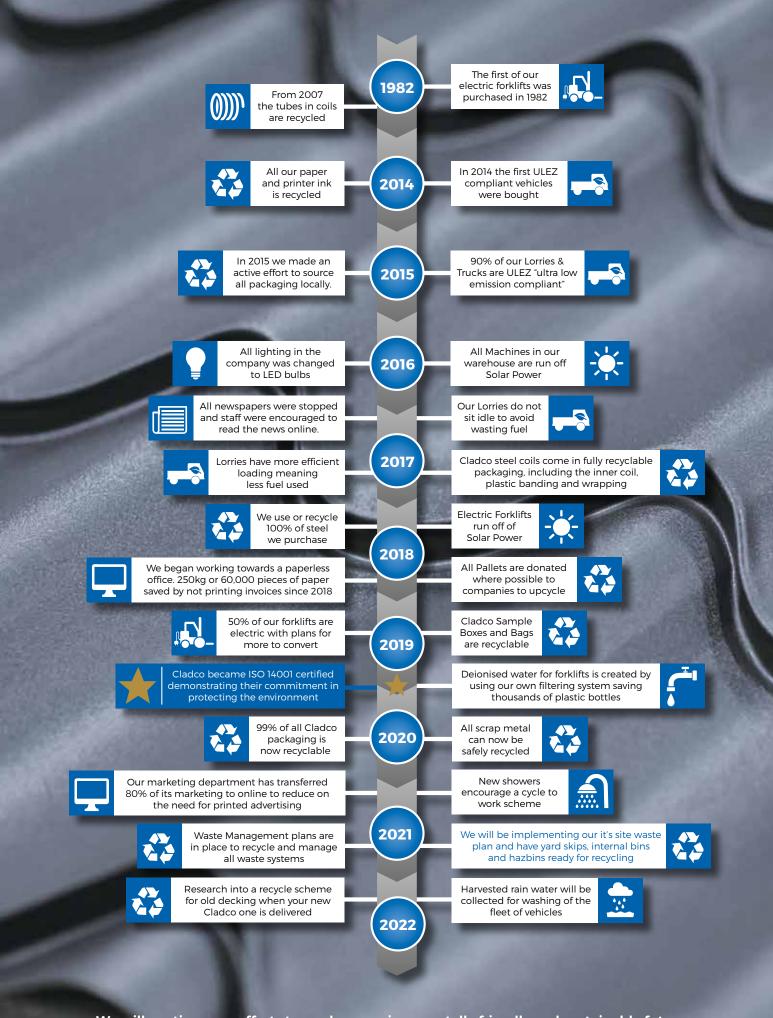
We achieved our ISO14001 accreditation in November 2019.

The ISO 14001 environmental certification provides a framework for environmental management. ISO14001 ensures we as a company

- · Minimize our environmental footprint
 - · Diminish the risk of pollution incidents
 - · Provide operational improvements
 - Ensure compliance with relevant environmental legislation, and Develop our business in a sustainable manner.

Follow us on Facebook, Instagram, Twitter, Pinterest and YouTube to see what Cladco are getting up to this year and for all our environmental campaign information.





We will continue our efforts towards an environmentally friendly and sustainable future





Cladco Profiles is a family owned company offering quality products at competitive prices.

Established in 1972, Cladco has steadily grown to become a leading supplier of roofing, cladding and outdoor materials to businesses and households throughout Britain.

Head Office

Beardown Road Exeter Road Industrial Estate, Okehampton Devon EX20 1UA

T: 01837 659 901

E: info@cladco.co.uk

www.cladco.co.uk











All information correct at time of print. Please note prices maybe subject to change without notice, Cladco reserve the right to change to change prices without notice. All measurements given are approximate and due to the manufacturing process may vary slightly. Images are used for illustration purposes only, actual item may vary slightly from the image supplied.



