

# The Original Real Stone Cladding System





# What is ZClad™?



## Natural stone - made simple.

ZClad™ is a cladding system made from natural stone. It creates a stylish veneer, whether building a contemporary or traditional design.



The panels give a seamless finish for straight walling and cornering making it virtually impossible to detect. A ZClad™ wall can be erected in a fraction of the time taken by conventional methods.

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# Overview of ZClad™



- Fast, simple and economical to apply
- Easy to use, no specialist skills required
- Real stone, natural and stylish finish
- Available in 11 colours
- Seamless walls and corners
- Suitable for exterior and interior use

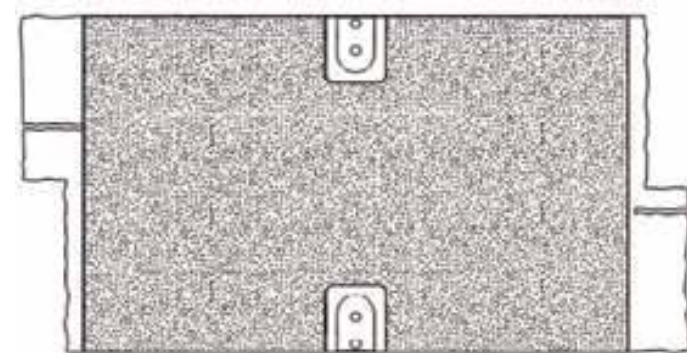
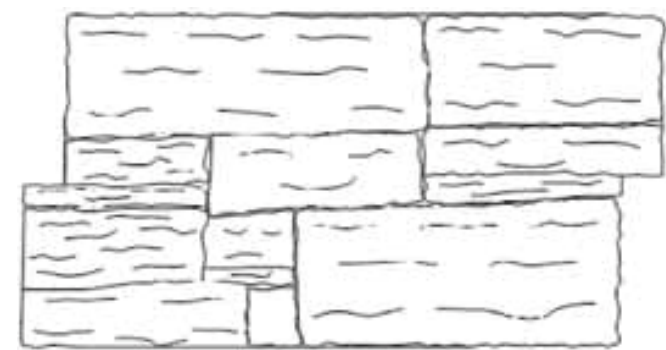
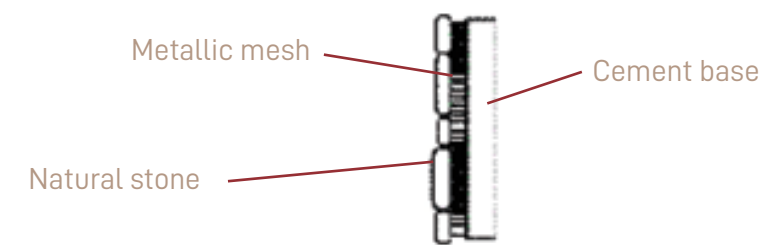
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# Easy Building with ZClad™

## PACK SIZE

ZClad™ is supplied in packs of panels (3 x 600mm x 215mm) with three packs covering 1m<sup>2</sup>. It is designed for covering walls



## EASY BUILDING WITH ZCLAD™

As well as reduced labour costs, ZClad™ has the advantage of producing less waste during construction and requires no maintenance after installation is complete. Whilst traditional stone walling can have up to 25% wastage, ZClad™ has virtually none.

ZClad™ is a real stone panelling system specifically designed to create a distinctive, natural stone finish wherever it's used. The panels rise in interlocking tiers, fitting seamlessly together, eliminating the need for specialist labour. The panel ends are dressed, rather than straight sawn so that when forming a corner, they create a dressed effect effortlessly, thus making ZClad™ a quick and easy system to use.

The cement base is fixed to a covering of natural stone with metallic mesh to hold it together.



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# Advantages of ZClad™



## ADVANTAGES OF USING ZCLAD™

**Flexible** The applications for ZClad™ are endless, it's simple installation means it can be incorporated in to both commercial and residential environments; its resistance to intense temperatures makes it suitable for both internal and external use.

**Faultless** As ZClad™ is made from natural stone it bears all the form and character of a dry-stone wall. Each piece is made in a Z shape to avoid visible joins, fitting seamlessly together without the need for specialist labour or equipment.

**Swift Build** Our design means it can be constructed in a fraction of the time normally taken to build traditional stonework; up to 30m<sup>2</sup> can be built each day compared with 3m<sup>2</sup> for random rubble walling.

**Straightforward** Specialist skills and training are unnecessary to achieve the look of a stone wall. Watch the installation video at [www.zclad.co.uk](http://www.zclad.co.uk).

**Cost Effective** ZClad™ has the advantage of producing less waste during construction and requires no maintenance after installation; compared to conventional stone walling.

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# The Range

## Autumn Gold

Natural quartz wall cladding panels with a warm hue.

Carnelian and Smoky Quartz with earthy tones highlighted by golden shimmer of the Citrine Quartz.

Panels sizes are 215mm high

All cladding pieces are individual, the photos show the diversity of the panels.



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# The Range

## Classic

Natural slate wall cladding panels with a dark colouring.

A black natural slate panel with hints of rust add to the stones' rustic appearance.

Panels sizes are 215mm high

All cladding pieces are individual, the photos show the diversity of the panels.



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# The Range

## Contemporary

Natural quartz wall cladding with a warm and creamy coloured theme.

A quartz full of milky, citrine, amethyst and green quartz hues showing beiges, yellows and pinks.

Perfect for traditional or contemporary applications.

Panels sizes are 215mm high

All cladding pieces are individual, the photos show the diversity of the panels.



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# The Range

## Natural

Natural quartz wall cladding with a traditional textured stone finish.

A highly textured Natural Quartz with Smoky, Jasper and Citrine Quartz creating a warm, traditional finish.

Panel sizes are 215mm high

All cladding pieces are individual, the photos show the diversity of the panels.



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# The Range

## Nordic

Natural Quartz wall cladding with a modern style.

A striking combination of Smoky interspersed with Milky and Amethyst (purple quartz) to showcase a modern Scandinavian finish.

Panels sizes are 215mm high

All cladding pieces are individual, the photos show the diversity of the panels.



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# The Range

## Lakeside Green

A natural slate wall cladding.

Lakeside has a green hue, with subtle highlights of pyrite.

The installation for this product is different to the others.

This type of system come in three different sized pieces and can be used for modular corners for both internal and external corners.

Panels sizes are 200mm high

All cladding pieces are individual, the photos show the diversity of the panels.



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# The Range

## River Blue

Natural quartz wall cladding.

This quartz has varied mix of warm tones, centred around a grey theme..



Panels sizes are 215mm high

All cladding pieces are individual, the photos show the diversity of the panels.

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# The Range

## Rustic

Natural slate with a darker and earthier toned colour palette.

A stunning mix of natural slate giving a combination of earthy reds, purples and greys.

Panel sizes are 215mm high

All cladding pieces are individual, the photos show the diversity of the panels.



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# The Range

## Pebble Grey

A vibrant mix of granite and milky quartz.

A combination of blues and greys with a crystalline shimmer.



Panels sizes are 215mm high

All cladding pieces are individual, the photos show the diversity of the panels.

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# The Range

## Valley Slate

Thin pieces of natural blue-grey stacked slate.

A stunning mix of natural slate giving a combination of traditional deep blues and greys.

Panels sizes are 215mm high

All cladding pieces are individual, the photos show the diversity of the panels.



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# The Range

## Silver Stream

A classic medium grey granite.

Highlights of faint milky quartz veins coursing through the granite.

This cladding type is set on a metal wire mesh, so as you apply the panel the adhesive fills the gaps and acts like a grout.

Panels sizes are 215mm high

All cladding pieces are individual, the photos show the diversity of the panels.



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# Method of installation

ZClad™ stone panels are quick and easy to fix to a wall with a good quality neutral tile adhesive. Compared to building a traditional stacked stone wall, it is possible to cover a large wall in a short period of time. There is no need for grouting; therefore once the panel is laid the job is finished.



Notched trowel



Rubber mallet



Adhesive



Angle grinder

- Suitable for cladding a brick, block or precast concrete wall
- Cost effective and easy to install, grouting is not required
- Use recommended tile adhesive, especially for wet areas
- The wall surface must be clean and free of dust, dirt or paint etc.
- Apply a generous amount of adhesive to the back of each panel and the wall surface to ensure maximum adhesion
- Make sure the bottom row is level and straight
- Fix the ZClad™ panels in a “brick” pattern or offset, never on top of each other
- Fix the ZClad™ panels as tight as possible to each other, avoiding unsightly gaps
- Watch the installation video at [www.zclad.co.uk](http://www.zclad.co.uk)

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# Fitting of panels

Fitting should commence from the lowest row, fitting the ZClad™ pieces together. On fixing the second row, the joints between pieces should be alternated with those in the first row to avoid them being visible.

ZClad™ Panels may be applied over any masonry surface, concrete block, brick, cement, etc. If the support structure is painted or in the case of any other base which does not have the necessary adherence, this should be previously scraped or chipped away in order to prevent panels from becoming loose.

In general, a simple cement-based adhesive for exterior use, with a high level of flexibility, minimal vertical movement and resistant to prolonged exposure can be used.

ZClad™ Natural Stone Panels recommend the use of approved adhesive for fixing. It is important to ensure that the adhesive used can withstand the weight of the panel. For exteriors, and heights above two meters, it is recommended that the panels are fixed using the integrated clip.



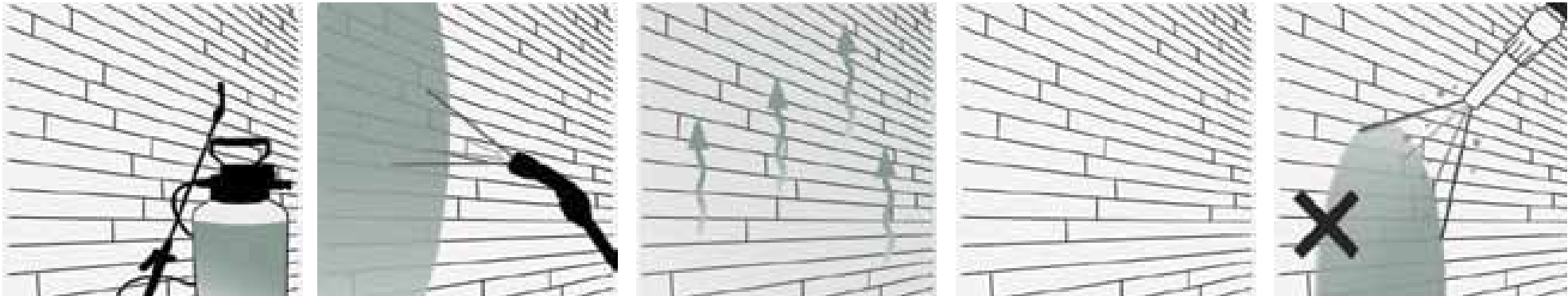
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# Internal & external sealing guide

**FURTHER INFORMATION - SEALING :**

EQUIPMENT REQUIRED: Low pressure sprayer, paint brush, sealant applicator pads, absorbant towels (for spillage control). Ensure that any surfaces not to be treated are properly covered and protected before beginning. When spraying do not breathe vapour or mist/spray. Ensure that gloves, mask and eye protection are worn at all times. Some areas may look patchy following application, especially if the sealer is applied to surfaces that are still slightly damp. This is caused by retained moisture. This is normal. The sealer is breathable, so any damp patches caused by retained moisture should still dry to leave surfaces with an even appearance. This can sometimes take a further couple of days following application. If a light pressure sprayer is not available, then a paint brush can be use for application to split face stone walls and a paint brush or sealant applicator can be used on stone flagstones and paving. For interiors use a brush or sealant applicator. Sealing should make any future cleaning and aftercare much easier.



STEP 1. Ensure surface are as dry as possible. Fill a light pressure sprayer with the sealing solution.

STEP 2. 1 bar of pressure should be sufficient. Spray evenly onto the surfaces.

STEP 3. Allow the sealer to dry naturally. No need to buff or rub.

STEP 4. A single coat should be sufficient. Once completely dry appearance should be un-altered.

STEP 5. Keep dry for at least 3 days following application. Do not wash or make excessively wet.



STEP 1. Ensure surface are as dry as possible. Fill a separate container with the sealing solution.

STEP 2. Brush evenly onto the stone surfaces making sure to work the sealer into the edges.

STEP 3. Allow the sealer to dry naturally. No need to buff or rub.

STEP 4. A single coat should be sufficient. Once completely dry appearance should be un-altered.

STEP 5. Keep dry for at least 3 days following application. Do not wash.

The following is a sealing guide for protecting all types of natural stone. The product and methods specified should ensure that appearance remains natural and is sufficiently protected. This treatment should also ensure that any future aftercare is much easier.



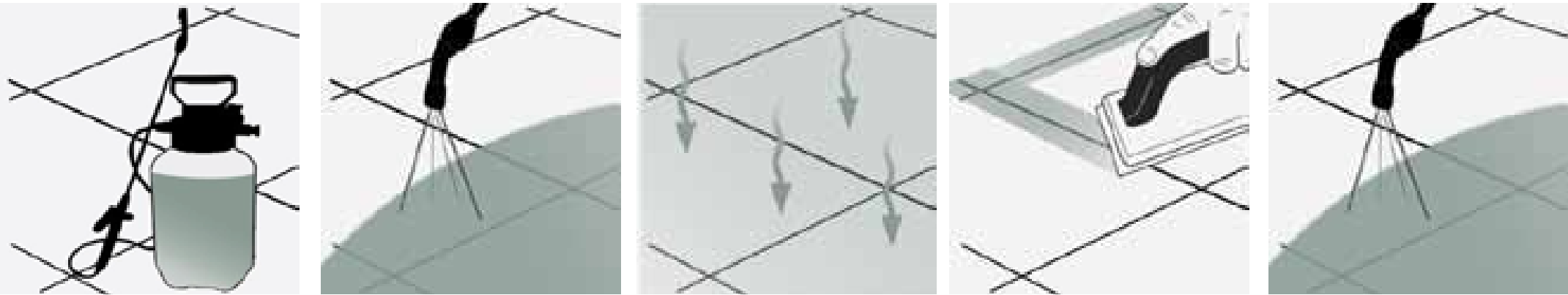
**NATURAL FINISH STONE SEALER**

A natural finish water based impregnating sealer. Minimal change to surface character. Helps protect against staining. The treated surfaces strongly repel water, oil and grease. This product allows surfaces to breathe.

APPLICATION	1 ltr	5 ltr	25 ltr
Low porosity surfaces	15 M <sup>2</sup> Per coat	75 M <sup>2</sup> Per coat	375 M <sup>2</sup> Per coat
Higher porosity surfaces	7.5 M <sup>2</sup> Per coat	37.5 M <sup>2</sup> Per coat	187.5 M <sup>2</sup> Per coat

**TECHNI CAL FEATURES**

- Non hazardous
- High performance
- Low odour VOC free
- Invisible protection
- Easy to apply
- Breathable
- Interior & exterior use
- Up to 10 years protection



STEP 1. Ensure surface to be treated is clean and as dry as possible. Fill light pressure sprayer with the sealing solution. Do not dilute.

STEP 2. Spray the sealer evenly over the surface. Do not apply if rain is imminent. Max 1 bar of pressure.

STEP 3. Grout the joints. Clean off grout residues and leave to dry.

STEP 4. A single coat should be sufficient. Once completely dry appearance should be un-altered.

STEP 5. Once fully dry spray on a further coat of sealer covering the joints as well. Keep off of surfaces until completely dry. Keep as dry as possible for 3 days following application.

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# FAQ's

## **Are ZClad™ panels made from natural stone?**

Yes, they made from natural stone to give an authentic look.

## **What holds ZClad™ natural stone panels together?**

Our ZClad™ natural stone is bonded to a cement base, reinforced with mesh.

## **Is ZClad™ suitable for indoor or outdoor use?**

ZClad™ is suitable for both interior and exterior applications on new or existing buildings.

We recommend the use our Natural Finish Stone Sealer for exterior applications.

## **Are ZClad™ panels easy to install?**

Yes, specialist skills and training are unnecessary.

## **How do I calculate the quantity needed?**

Flat Walls and Internal Corners - Multiply the length of the wall by the height of the wall, add 10% for cutting and wastage, this will give the quantity required in square metres (m2).

External Corners - These are measured in Linear Metres (lm). A linear meter is the height of the corner to be clad, from the top to the bottom of the section you wish to cover (eg. from the ceiling to the floor, or the height of a garden wall).

## **What surfaces can ZClad™ be applied to?**

ZClad™ is suitable for use on masonry and concrete surfaces.

## **How are ZClad™ panels laid?**

They should be laid in brick fashion i.e. they must stagger or overlap each other.

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# FAQ's

## **Are the backs of ZClad™ panels flat?**

Yes, this allows them to be adhered effectively to any masonry wall.

## **Does ZClad™ supply corner pieces?**

ZClad™ innovative design means that you can construct internal corners using the same interlocking flat panels. For external corners, we supply specially constructed external corner pieces.

## **What adhesive does ZClad™ recommend?**

We recommend ZClad™ adhesive.

## **Are ZClad™ panels easy to maintain?**

Yes, ZClad™ panels are robust, easy to keep clean and do not fracture, deteriorate or lose their colour.

## **Do ZClad™ panels need sealing?**

Yes, we recommend our ZClad™ Natural Finish Stone Sealer. Download the Application Guide PDF.

## **Can ZClad™ panels be used in wet areas?**

Yes, ZClad™ panels can be used in or near swimming pools, water features, near beachfronts or salt spray. We recommend the use our Natural Finish Stone Sealer for wet area situations.

## **Are ZClad™ panels affected by cold weather?**

No, ZClad™ natural stone panels can be used in subzero or freeze/thaw conditions with no adverse effect if installed correctly.

## **Are ZClad™ panels affected by heat?**

No, ZClad™ natural stone panels can be used in extreme climates and are also suitable for fireplace surrounds.

## **Will the colours of the stone fade?**

No, actually the colour of the natural stone used in our ZClad™ panels will usually be enhanced with time.

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Contact

## Showroom

The Freight Terminal  
Bicester Road,  
Enstone,  
Oxon.  
OX7 4BZ

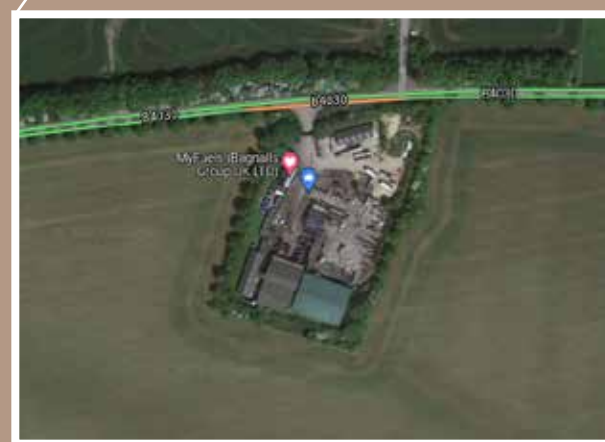
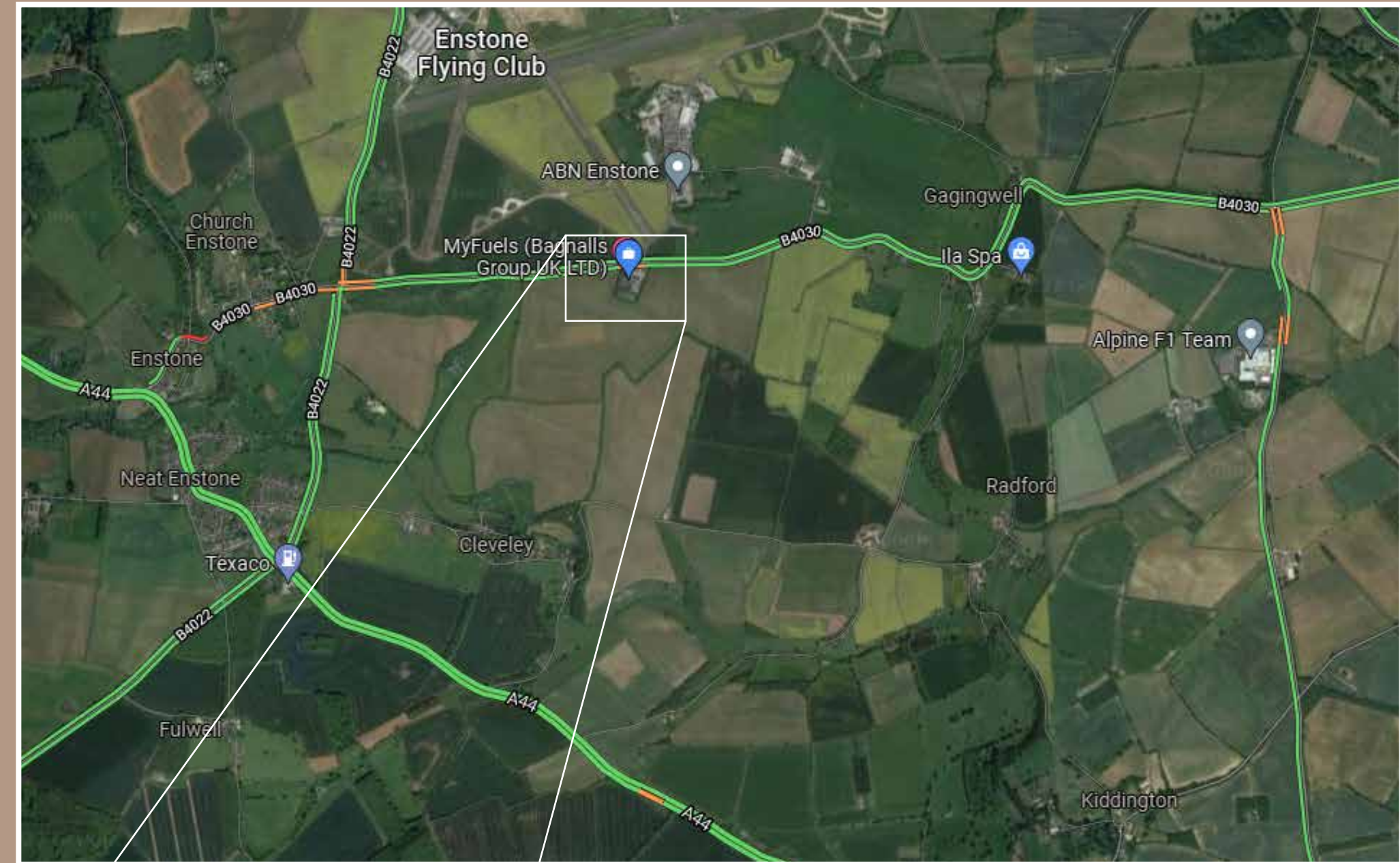
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