

Inv Date	Inv No.	PAYEE	AMOUNT	DETAILS	Transfer Date	REF (BACS)	23/11/2021
N/A	N/A	HMRC	£4,348.65	PAYE & NI Month 8	16/11/2021	8597688	
N/A	N/A	Mayor's Charity Appeal (Stourport)	£16.00	2 tickets Variety Night 12 Nov 2021	16/11/2021	8631645	
REFUND	REFUND	Plot 37 Allotment	£46.60	Allotment refund £41.60 +£5 key deposit =£46.60			
01/11/2021	4064	Shine On Window	£46.00	window cleaning			
02/11/2021	INV-1325	LARC Grange Court	£50.00	Booking for allotment association harvest event 8th Oct			
04/11/2021	DP36178	The DefibPad	£70.20	Paediatric defibrillator pads	04/11/2021	paid by card	
04/11/2021	202-3103399-0776364	Amazon	£22.27	Lithium batteries 3 volts pack of 10	04/11/2021	paid by card	
14/11/2021	LTIC01	inklings	£538.00	TIC stock-tea towels,bags,cards, framed prints			
20/11/2021	TM069	TM Rural Services	£350.00	Hedge reduction near Priory Church			
11/11/2021	3169364	MediSupplies	£18.54	Inspection gloves x10	11/11/2021	paid by card	
11/11/2021	Nov-21	C J Rolley	£1,875.00	Job evaluation review for 16 posts			
10/11/2021	21039	Adzor Limited	£312.00	20ft Nordmann Fir			
10/10/2021	577338	Cleanmy	£28.75	Wall thermometer x4			
16/11/2021	577715	Cleanmy	£135.00	Mop headsx10, Gloves x10 boxes			
16/11/2021	577714	Cleanmy	£24.06	Oil absorbent, safety sign, bucket			
16/11/2021	577713	Cleanmy	£99.79	Case of 6 surface sanitizer x2			
11/11/2021	IN0158975	tudor environmental	£57.69	Hay rake x2, bag holders x2			
09/11/2021	9112021	Rossiter Books	£50.00	£50 gift voucher (cultural consortium)	11/11/2021	paid by card	
31/10/2021	416131	Wynnstay	£55.18	Redwood x10			
17/11/2021	70006096	Leominster Motors	£85.55	Relay for EX06 AZT	18/11/2021	paid by card	
07/10/2021	40	Kathleen Freeman	£120.00	TIC stock-20x Beauty of Herefordshire calendars @£6 each			
07/11/2021	INV-1383	Primeflow Ltd t/a Newton Court Cider	£93.60	TIC stock-2L ciders x3, case of 12 ciders x3			
22/11/2021	123373	Managed Technology	£27.54	printing and copying			
31/10/2021	7236	Bromyard Launderette	£48.60	laundry for the flat			
01/11/2021	SI-1125	DC Gardening Services	£156.00	Hedge cutting at Allotment			

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10/11/2021	45/1516	Richard Brookman	£648.00	Market management Sept & Oct 2021			
01/11/2021	0826AJO145	Travis Perkins	£18.70	Door closer			
11/11/2021	0826AJO570	Travis Perkins	£100.30	Timber x12.6m , gorilla glue			
28/10/2021	0826AJO050	Travis Perkins	£6.05	Building sand x2			
27/10/2021	0826AJO013	Travis Perkins	£15.77	Buidling sand x3, cement			

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N/A	N/A	Worcestershire Pension Funds	£5,281.83	Pension Contribution November 2021			
23/11/2021	23112021	Leominster Choral Society	£256.50	TIC stock-19x Vivaldi & Faure Concert tickets @£15 each			
31/08/2021	31082021	AHGTC The Ancient and Honourable Guild of Town Criers	£35.00	2021-2022 membership	01/12/2021	9126588	
28/11/2021	LNDEC0592	The Leominster News	£120.00	December issue 2021			
19/11/2021	4927	Fircone Books	£46.80	TIC stock- 6 books			
22/11/2021	54131	Border Office supplies & Systems BOSS	£11.67	printing and copying			
29/11/2021	LEOMI001/31041	budworth hardcastle property consultants (Abbey Commercial Developments)	£1,477.50	Depot rent 25/12/2021-24/03/2022			
30/11/2021	22187	Orphans	£153.60	10x A5 Receipts Books			
14/10/2021	34540	HFAS Herefordshire Fire Alarm Services Ltd	£126.00	6monthly service-fire alarm & emergency lights - Corn Square			
30/11/2021	336313	Tallis Amos Group TAG	£42.16	Chain loop, round file x6			
30/11/2021	15346	Microshade Business Consultants Ltd	£180.00	Accounting support for November			
30/11/2021	183762	Quickskip	£78.00	Wheelie bins			
23/11/2021	0826AJO934	Travis Perkins	£9.12	Postcrete x2			
30/11/2021	638188	Leominster Building Supplies	£116.60	4x concrete mix, caulk,brushes,sash handles, hacksaw blades, gate spring, plywood, catches, hinges, MDF sheets, mesh repair, shelf studs, brackets.			
09/11/2021	577235	Cleanmy	£137.29	7 cases Toilet rolls, face shields, microfibre cloths x70			

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Inv Date	Inv No.	PAYEE	AMOUNT	DETAILS	Transfer Date	REF (BACS)	07/12/2021
01/12/2021	578964	Cleanmy	£292.00	hand towels,5 boxes gloves,2cases toilet rolls, 20 boxes masks, clear foam			
01/12/2021	572963	Cleanmy	£15.67	hand towels			
03/12/2021	579097	Cleanmy	£14.76	Oil absorbent granuals 20L x2			
03/12/2021	579098	Cleanmy	£14.76	Oil absorbent granuals 20L x2			
03/12/2021	3122021	The Flower Man	£25.00	Christmas tree for decoration - TIC	03/12/2021	Paid by card	
06/12/2021	6122021	The Ramblers Association HW4 Hereford Group	£250.00	50x Herefordshire Trail guidebooks			
06/12/2021	N/A	Jo Lee	£25.00	Expenses claim - Eye test			
04/12/2021	4122021	Studio 23	£140.00	TIC stock - 10x Leominster Grange Jigsaws			

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Inv Date	Inv No.	PAYEE	AMOUNT	DETAILS	Transfer Date	REF (BACS)	13/12/2021
29/11/2021	516636	Arrow Plant & Tool Hire	£16.48	Jubilee clips, paint			
30/11/2021	7277	Bromyard Laundrette	£87.40	Laundry for flat Nov 2021			
10/12/2021	N/A	Mayor John Rumsey	£65.25	Mayor Expenses			
05/12/2021	4088	Shine On Window Cleaners	£46.00	Window cleaning			
10/12/2021	579695	Cleanmy	£11.23	Face shield x 6			
10/12/2021	579694	Cleanmy	£103.67	Case of 12 jumbo Toilet rolls x2 , mop heads x10, blue rolls case of 6 x1, toilet rolls case of 36 x4			
13/12/2021	579808	Cleanmy	£76.49	Safety Wellingtons x3, Boots socks x4			
06/12/2021	DS-ASE-INV-GB-2021-293255076	Amazon	£5.99	Christmas gift wrapping sting	06/12/2021	Paid by card	
07/12/2021	INV-GB-134052511-2021-230767	Amazon	£24.99	Snow fluid 20litres	07/12/2021	Paid by card	
09/12/2021	INV-GB-138616421-2021-97439	Amazon	£85.95	1.2m Tree stakes (50pack)	09/12/2021	Paid by card	
08/12/2021	DS-ASE-INV-GB-2021-298007262	Amazon	£10.98	14pcs plastic icicles	08/12/2021	Paid by card	
08/12/2021	DS-ASE-INV-GB-2021-298007089	Amazon	£15.99	Clear glass icicles (25)	08/12/2021	Paid by card	
06/12/2021	INV-GB-702743025-2021-250248	Amazon	£3.98	Evacuee Tag WW2 Replica x2	06/12/2021	Paid by card	
23/12/2021	15451	Microshade Business Consultants Ltd	£820.02	Hosting and IT services			
29/11/2021	29112021	Espressivo Concerts	£705.60	TIC - 56 tickets for Bochmann Trio at the Lion Ballroom on 28/11/2021			

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07/12/2021	21120701	Rachel Buchanan	£1,400.00	Cultural Programmae Development Officer 80hrs @£17.50/hr			
N/A	N/A	Wages - December 2021	£19,251.39	Wages - December 2021			
N/A	N/A	HMRC	£4,475.15	PAYE & NI - December 2021 - Month 9			
11/12/2021	91452351	Herefordshire Council	£2,772.34	CCTV contribution 01/01/22 to 31/03/22			

From: Tim Belfall <tim@westendwifi.net>

Sent: 02 December 2021 11:13

To: Julie Debbage <j.debbage@leominstertowncouncil.gov.uk>; 'lindsey.nicholls@engyta.com' <lindsey.nicholls@engyta.com>; 'Rob.Ewing@herefordshire.gov.uk' <Rob.Ewing@herefordshire.gov.uk>; Liz Womack <e.womack@leominstertowncouncil.gov.uk>; 'Johnathan.Pritchard@herefordshire.gov.uk' <Johnathan.Pritchard@herefordshire.gov.uk>; 'oliver.pole@engyta.com' <oliver.pole@engyta.com>

Subject: 11 Corn Square - Council Offices

Good morning to you all,

Surprisingly, the council office at 11 Corn Square is not listed, although protected by the conservation area and local historic interest policies.

Therefore, with the two councils' own planning and facility managers consent, we could set up the initial Wi-Fi service in January. This would cover the whole of Corn Square, and obviously the market. By so doing the council could be seen to accelerate the Wi-Fi rollout, and allow for testing of the services prior to a wider rollout as and when planning consents and wayleaves are granted.

By using Corn square as a showcase this would, hopefully, help to persuade property owners and listing bodies to grant an extension to the existing lighting wayleaves as well as listed consent.

Attached is a visualisation for 11 Corn Square. We are still considering a cross grade to the Ruckus T350 unit for the whole service. This would allow for faster user speeds at the very edge of the service. I have attached the data sheets for the three units that will be used.

Ruckus T710 WiFi 5 - Original

Ruckus T350 WiFi 6 - Alternate

Ruckus M510 protected by an IP67 shell - Used for footfall counting

Kind regards,

Tim

Westend WiFi

Wi-Fi Access Point - Overview



RUCKUS T710
Outdoor Access Point

The ZoneFlex T710 combines Ruckus patented technologies and best-in-class industrial grade design with next generation of 802.11ac features to deliver industry-leading Wi-Fi performance, reliability and coverage for challenging high density outdoor deployments.

Featuring BeamFlex+ adaptive antenna technology, the ZoneFlex T710 offers a substantial increase in performance and range by optimizing antenna coverage on a per client, per transmission basis. BeamFlex+ additionally mitigates co-channel interference by directing Wi-Fi signals where they are needed instead of towards neighboring access points. The T710's BeamFlex+ adaptive antenna system is also equipped with dual polarization antennas, allowing the access point to adapt to the physical orientation of client devices and maximize uplink performance.

With throughput capacities of 800 Mbps (2.4GHz) and 1733 Mbps (5GHz), the ZoneFlex T710 supports the highest available throughput for Wi-Fi clients. 802.11ac Multi-User MIMO (MU-MIMO) support allows the T710 to simultaneously transmit to multiple MU-MIMO capable devices, drastically improving airtime efficiency, overall throughput, and availability. The T710 is compatible with a wide array of MU-MIMO, SU-MIMO and legacy Wi-Fi clients.

Custom Bracket

- Painted **optional** gold accents for a classic rustic look.
- Custom designs to match adjacent buildings and themes.
- Sturdy and strong against almost all types of weather.
- Angle adjustment for better coverage.

Hidden in Plain Sight

The access point can be wrapped in black to better blend into the background away from the view of the public.



Powered by **Ruckus**
Simply Better Wireless.



RUCKUS T710 Outdoor Access Point



All the facts...

Thermafleece CosyWool is a versatile insulation rich in British sheep's wool and is the ideal choice if you are looking for all round performance and value for money.

Research shows that using 75% wool in combination with recycled fibres outperforms alternative products with a higher percentage of wool. Our wool rich blend ensures you get the full benefit of sheep's wool with enhanced performance, durability and sustainability.

Thermafleece CosyWool's convenient compressed form reduces transport impacts by more than 50% compared to other natural insulation and makes it ideal for quick and easy installation. Once unpacked, it regains its original thickness to provide excellent thermal and acoustic performance.

Like all Thermafleece products, it is long-lasting, safe to handle and contributes to a healthier indoor environment by regulating moisture and absorbing harmful airborne substances in the home.

Key Facts

- Width (mm) – 370, 570
- Thickness (mm) – 50, 75, 100, 140, 150
- Thermal conductivity – 0.039 W/mK
- Sound absorption – NRC 1.05 @ 100mm
- Sound reduction – Rw 40dB @ 75mm
- Highly breathable
- Made in the UK
- Contains British wool
- Manufactured to ISO 9001 & 14001
- Can be recycled

Applications

- Roofs – Loft & warm roof
- Walls – Timber frame & solid (internal)
- Floors – All levels above DPC
- Acoustic – Walls, floors & roofs

Why Insulate with Thermafleece CosyWool?

Insulating a property will significantly reduce the amount of energy lost from the building envelope, reducing energy consumption and carbon dioxide released to the atmosphere.

Affordable

Thermafleece CosyWool is designed to minimise up-front cost making wool-based insulation more affordable to a wide range of end users. What's more, the energy it saves means Thermafleece CosyWool quickly pays for itself.

Long Lasting

Thermafleece CosyWool contains a lofting agent to maintain durability, fibre stability and structural integrity creating a long-lasting insulation.

Quality Assured

Thermafleece CosyWool is manufactured and supplied in accordance with ISO 9001 quality management systems.

Sustainable

Thermafleece CosyWool can reduce CO₂ emissions by many tonnes over the lifetime of use. What's more, wool fixes carbon dioxide helping reduce greenhouse gas levels.

Breathable

Insulating with breathable natural fibres can contribute to more stable humidity and moisture levels within buildings. This can help improve the health of the building and the occupants.

Safe

Thermafleece CosyWool is safe to handle and can be recycled or safely disposed of at the end of its life.

Technical Support

We offer a comprehensive support to meet all your technical requirements including:

- For technical advice call **01768 486285**
- On-site and off-site support throughout the design and build process
- Advice on meeting current regulations including Building Regulations
- U-value and condensation risk analysis
- Advice on environmental impact
- Application guidance notes, comprehensive product data and reports

All the facts...

Specifications

Performance

- Thermal Conductivity: $0.039 \text{ Wm}^{-1}\text{K}^{-1}$
- Water Absorption (@100% RH): 30% w/w
- Specific Heat Capacity: $1800 \text{ Jkg}^{-1}\text{K}^{-1}$
- Mould Resistance: CUAP 2002-01-25: Pass
- Moth/Beetle Proofing: ISO 3998: Pass
- Vapour Resistivity: $9 \text{ MN}\cdot\text{s}\cdot\text{g}^{-1}\text{m}^{-1}$
- BS 5803-4, Flammability & Smoulder Resistance: Pass
- EN11925-2, Reaction to Fire: Pass
- Fire Classification: EuroClass E
- Recoverability and thickness, EN 823: Pass
- Dimensional stability to EN 1604: Pass
- Can be used to achieve airborne sound reduction of $R_w = 40\text{dB}$

Standards

- Manufactured to ISO 9001

Environmental

- GWP (A1-A3): $1.63 \text{ kgCO}_2\text{e}$
- GWP (A1-A3) inc. biogenic carbon: $0.59 \text{ kgCO}_2\text{e}$
- Recycled Content: 20%
- Recyclable: Yes

Sizes

- **Thicknesses** – 50,75,100,140,150 mm
- **Widths** – 370 & 570 mm
- **Roll Lengths** – 13.0m (50mm), 8.5m (75mm), 6.5m (100mm), 4.6m (140mm), 4.3m (150mm)

R-Values

Thickness mm (tolerance +/- 5mm)	Thermal Resistance Km^2W
50	1.25
75	1.88
100	2.50
140	3.50
200	5.00
250	6.25
280	7.00
300	8.40

Installation and Handling

Thermafleece CosyWool is non-hazardous and can be handled without protective clothing, although we recommend you wear PPE in spaces such as lofts.

Protect the insulation from prolonged exposure to sunlight when unpacked and avoid wetting, store under cover and clear of the ground.

If the insulation gets wet during storage or as a result of flooding in service, remove the affected insulation and replace with new.

When installed in walls and floors, spaces filled with CosyWool should be considered as concealed voids for the purposes of fire risk and cavity barriers installed as appropriate. Thermafleece CosyWool is not suitable for use as a cavity barrier.

Thermafleece can be safely and easily torn apart, but if you need a more accurate edge then we recommend the 'Roll and Cut' Method. Tools Required: Sharp Scalloped Edge Knife or Insulation Saw

1. For an accurate length. Roll the insulation as tightly as possible along the width. Measure where you need to cut then taking the insulation saw / knife easily cut through. This provides a nice, neat edge and is an alternative to tearing by hand.

2. To cut the width of the roll: Keep the insulation rolled and do not unwind. Measure the required width that you need then using the knife or insulation saw begin to cut through the whole roll.

You can also cut Thermafleece by tightly compressing or clamping the insulation between two pieces of solid 15mm board. Overhang the fleece where you want to cut keeping the two board edges aligned. Saw cut the edge using a sharp, scalloped edged knife and keep the blade firm and square against both board edges throughout. Trim any fine remaining fibres with large scissors or shears.

Where to Buy

Our products are available through a wide network of merchants and distributors. To find out more visit our web site www.Thermafleece.com or call us on 01768 486285.

NATURAL INSULATOR & WARMING

The crimp in coarse British wool fibre provides the perfect consistent resilience to ensure insulation efficiency. Wool naturally provides thermal insulation which allows the home to maintain a comfortable temperature, staying warm in the colder months and cool in the warmer months.

WOOL INSULATION IS A TECHNICAL PRODUCT

Industrial processes make wool insulation a serious technical product rather than an artisan luxury. Prior to being used for insulation, wool needs to be scoured, moth proofed, and the fibres opened into a uniform batting. Blending a binder with the wool fibres prevents wool insulation from slumping and ensures it lasts the life of the building.

INSULATION & THERMAL EFFICIENCIES

Specifications and requirements vary by building type and regulations. Where wool insulation is being designed into the fabric of a building, a technical assessment is required to ensure appropriate performance is achieved. For DIY and general home improvement work, follow the manufacturers guidance on installation.

LOW CARBON FOOTPRINT

British wool has a low carbon impact from farm gate to site. Another significant consideration is that coarse dark wools have a lower impact (than higher value light coarse wools) due to its lower cost.

FLAME RETARDANT

Wool has a high nitrogen content and contains moisture making it naturally flame resistant without the need for added chemical treatments, extinguishing itself when the source of the flame is removed. Wool requires high levels of oxygen in order to burn which limits the spread of flames and provides resistance to smouldering, especially true in the case of clothing, interior textiles and carpets. Wool insulation passes British and European standard fire tests to ensure it is fire safe and fit for purpose.

BREATHABLE COMFORT

Wool fibres are breathable, meaning they can maintain an ambient temperature, and absorb and release moisture without reducing thermal performance unlike fibre glass-based products.

AFFORDABLE & COST SAVING

Used in the home, wool insulation helps to reduce energy costs and prevents the loss of heat energy in the colder months, thus reducing costs and carbon emissions. Over its life, wool insulation will pay for itself many times over. With so many benefits from a natural, renewable fibre source – why would you not choose wool?

THE HEALTHY OPTION

Wool improves air quality and health by absorbing and locking away pollutants such as volatile organic carbons (VOCs) from the air more rapidly than other fibres.

NOISE REDUCTION

Wool acts as a sound absorber and lowers noise transmission, significantly reducing noises that can be heard throughout a building. Sound absorption is important in both commercial and residential applications because it assists in creating a more pleasant environment.

DURABLE & RESILIENT

Due to British wool fibres being like a coiled spring they return to their original shape during long term use, and insulation can last the lifetime of the building.

NATURAL & RENEWABLE

Wool grows naturally on sheep and is 100% natural and not man-made. As long as there is grass to graze on, water to drink, air and sunshine sheep will produce a new fleece every year, making wool a renewable fibre source.

SAFE TO TOUCH & WORK WITH

Wool is perfectly safe to touch and requires no specialised safety clothing or equipment to handle. Wool insulation is easy to install, causes no irritation to the eyes, skin or lungs and wool fibres present no hazard to health. Although wool insulation can be handled without the use of PPE, it is recommended for fitters to wear PPE when installing insulation in a loft in case fibreglass or remnants of other hazardous elements are present.

SUPPORT BRITISH FARMERS

Keep your home environment healthy, and help support British farmers – always insist on a British Wool Certified product, and discuss your specific requirements with one of the recommended insulation suppliers.