

CLUAIN ADAIN

Homeowner's Guide

*Love where
you live*


Glenveagh
Home of the new.



**LOVE
NEW
BEGINNINGS
LIVE
FOR LASTING
MEMORIES**

CEO STATEMENT

Dear **Homeowner**,

Glenveagh Properties is delighted to welcome you to your new community, Cluain Adain. We sincerely hope that your home opens up brand new hopes, dreams and possibilities.

At Glenveagh, we are dedicated to providing affordable housing solutions that combine sleekness and convenience in perfect measure. From functional interiors to state-of-the-art appliances, we promise that your new Glenveagh home will meet all your needs.

We aspire to create community engagement opportunities across all of our housing developments. Our goal is to positively impact our local residents, whilst being involved in projects that are scalable, practical, and progressive.

In line with this, we seek to identify social barriers in modern developments and create opportunities for residents to become active citizens within them.

By bringing people together, promoting sustainability, encouraging innovation, and facilitating resident health and well-being, we guarantee to cement not only solid houses but also thriving communities.

Your comfort and satisfaction lie at the very heart of our projects.

If you have any queries or concerns, feel free to get in touch with us via email: customercare@glenveagh.ie.

We hope your dream life awaits.

Sincerely,



Stephen Garvey

*Love where
you live*



LOVE COMMUNITY WELCOMES

LOVE
A PLACE OF
YOUR OWN
LIVE
FOR
SHAPING IT

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CUSTOMER CARE

Settling into a new home is an exciting time for new homeowners but for some, it can be a little overwhelming as well.

That's why we have our own very dedicated Customer Care team on hand, ready to help with any issues within your home or any other general queries, ensuring that you have a pleasant and positive experience while living in Effernock at Trim.

We want to ensure that all our customers are well looked after and in safe hands. That's why we are always available for them when they need it.

Our team is made up of:



Anne-Marie McGill

Senior Customer Care Manager

In charge of our customer care department is Anne-Marie, who's dedicated to looking after our customers across all our developments throughout the country. With her expertise, you can be sure that your experience living in a Glenveagh community will be positive.



Edward Madden

Customer Care Supervisor

If you've any questions about your new home, Edward's always ready to lend a hand helping you settle in.



Chloe Pearson

Customer Care Coordinator

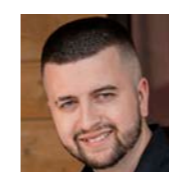
Chloe is always available to answer any questions to ensure that you have an easy and stress-free move.



Tara Bohan

Customer Care Coordinator

Tara is always ready to lend a hand to those who need assistance with their new homes. No matter what your queries may be, feel free to get in touch.



Sean Pender

Customer Care Coordinator

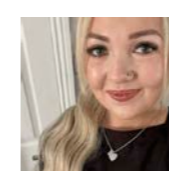
If you need assistance with your Glenveagh property, Sean's here to answer any queries before, during and after your move.



Kayleigh Purfield

Customer Care Coordinator

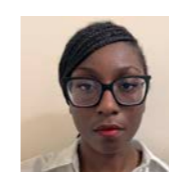
For all new home-related queries, be sure to contact Kayleigh who's always happy to help



Eva Tobin

Customer Care Coordinator

For all new home-related queries, don't hesitate to reach out to Eva who's always just a call or email away.



Letizia Garcia

Customer Care Coordinator

For all new home-related queries, Letizia is always happy to help and ready to do what she can for you.

For any general assistance, please feel free to get in touch with us via email: customercare@glenveagh.ie

YOUR WARRANTY

Understanding major and minor warranties

At Glenveagh, your convenience is our top priority! We make it a point to help you before, during, and after your move to ensure that all your needs are met. That's why we provide your new home with various warranties, ranging from 6 to 18 months. Following this period, we will be more than happy to assist in finding a contractor with a small call-out fee.

Under your Contract with Glenveagh for the purchase of your home, Glenveagh agrees to make good any major defects which arise in your home for a period of 18 months from the date that we notify your solicitor that the works to your home have been completed and to make good on any minor defects which arise within a period of 6 months from the same date.

The following do not constitute either major or minor defects:

- Cracks in plaster work;
- Defects or damage in paintwork or decoration;
- Normal shrinkage or expansion of timber;
- Defects in plasterwork or damage occurring in your home by reason of the normal operation of the central heating system;
- Damage or defects caused by negligence or abuse by you;
- Damage or defects caused by fair wear and tear;
- Items covered by a separate guarantee issued to you by the manufacturers (please see more details below).

Glenveagh will also not be liable for any damage caused by adverse weather conditions, negligence, abuse or maintenance of your garden, home or its appliances.

Glenveagh's obligations under the contract may also be affected if you decide to make any alterations or extensions to the property on a structural level. It may also be your responsibility to register the warranties for your appliances with the manufacturer and you should check your warranty documents carefully to ensure that you do what is required in this situation.

DISCLAIMER

The material in this guide is sourced largely from our suppliers and manufacturers and is provided for information purposes only. Glenveagh Homes Limited believes that the information is accurate and reliable. However, Glenveagh Homes Limited makes no representations or warranties, expressed or implied, regarding the information, products and/or processes described herein and/or as to the accuracy or completeness of such information. Glenveagh Homes Limited disclaims all or any liability for the use of such information and shall not be liable for any damages, losses, costs or expenses, direct, indirect or incidental, consequential or special, arising out of, or related to the use of the information in this material or the products or processes described herein.

This manual sets out various instances where suppliers and/or manufacturers have provided guarantees and/or warranties in respect of products and/or services supplied by them. Glenveagh Customer Care will assist you with any issue in relation to such guarantees or warranties for a period of eighteen months from the date that we notify you that the works to your home have been completed. Thereafter, we will be glad to assist in arranging a contractor, where applicable.

Major & Minor Defects During Warranty

Type	Description	Defect Type	Time period	Contact
External				
Cracking	• Concrete crack more than 5mm in diameter	Major	18 Month	Glenveagh
Landscape	• Hard landscaping: Drainage systems, curtilage, paving			
Building envelope	• Front door hardware and ironmongery. • Windows: difficult to lock, warped and/or need adjusting to be able to close, scratch marks.			
Building envelope	• Roofing issues: • Tiles, ridges, fascia, soffit	Minor	6 Month	
Cracking	• Concrete cracks less than 5mm in diameter			
Landscape	• Fencing: loose panels or posts. Garden drainage.			
Internal				
Mechanical	• Blockages/drainage. • Pipework leaks. • Central heating-failure/malfunction. • Hot water issues • Cold water tank issues	Major	18 Month	Glenveagh
Condensation	• Forming between panes of glass			
Kitchen	• Extractor fan not working • Appliance failure (if supplied by Glenveagh)			
Electrical	• Heat or smoke detector issues. • Circuit breaker issues.	Major	18 Month	
Mechanical	• Sealant around shower/bath area. • Sanitaryware Part of customer maintenance every 18-24 months	Minor	18 Month	Glenveagh
Flooring and wall coverings	• Tiling & Grouting • Sub-floor			
Carpentry	• Internal door: Adjustment needed/ difficult to be locked/door handles			
Kitchen	• Kitchen unit • door alignment • Seal around countertop			



Customer Responsibility

Location	Type	Description	Defect Type
External			
Soft Landscaping		Front and back gardens, pruning and hedging	Maintenance
Internal			
Soft Landscaping		Front and back gardens, pruning and hedging	Maintenance
Plumbing		If an aerator is blocked customer needs to ensure it is cleaned or replaced	Maintenance
		Blockages - if caused by materials, debris or rubbish not caused by Glenveagh	Maintenance
Cracking		Hair cracks in plaster work;	Maintenance
		Defects or damage in paintwork or decoration;	Maintenance
		Defects or damage in paintwork or decoration;	Maintenance
		Defects in plasterwork or damage occurring in the Works because of the operation of any central heating system;	Maintenance
		Damage or defects caused by negligence or abuse on the part of the Employer, his servants, agents, licensees or invitees	Maintenance
		Damage or defects caused by fair wear and tear	Maintenance
Building Envelope		Guttering & Downpipes – Cleaning of gutters and downpipes	Maintenance

If a mechanical component or product is replaced during warranty, ie pump then there will be a new warranty from the date it is changed over. Any damage to radiators or trvs falls under 6 month warranty.

WARRANTY FAQ

What is an emergency?

When there is a complete loss of your water supply in the home prior to checking the water supply status in the locality.

When a water leak cannot be contained and is causing damage to the house.

Loss of power supply – in which case the ESB Networks should be contacted before Glenveagh.

Heating not working - before contacting Glenveagh, please ensure that all switches are on including slats.

Who gets contacted in a non-emergency?

For all non-emergencies please contact our Customer Care email at customercare@glenveagh.ie during Glenveagh office hours (08:00-17:00) where they will be responded to and acknowledged within 72 working hours.

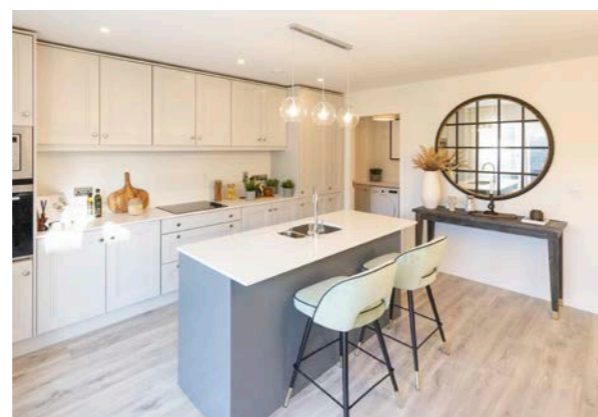
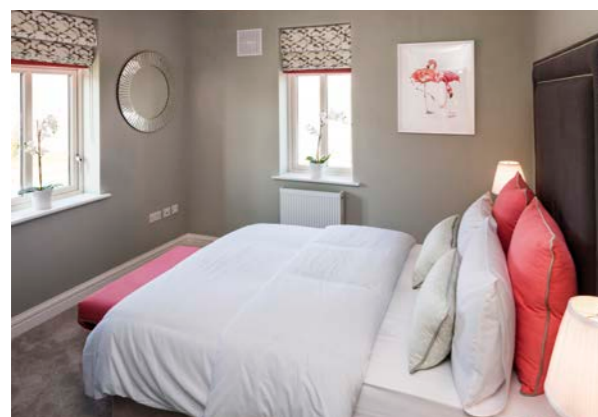
Examples of non-emergencies include dripping taps, blocked drains, faulty kitchen appliances, air in radiators, noise from heating system or water pumps, operational issues with heat pump, perceived issues with temperature in the house, condensation on windows, and operation of overflows or safety valve from water tank or cylinder.



HOMEBOND SCHEME

Understanding the HomeBond Guarantee Scheme and how it protects your home against major defects.

Your home has the benefit of cover under the HomeBond Guarantee Scheme. This is a 10-year warranty/insurance policy against major structural defects. The policy details and certificates have been forwarded to your solicitor as part of the conveyancing process.



HOMEBOND LATENT DEFECTS INSURANCE POLICY

Insurance Product Information Document

This Policy is arranged by Ark Insurance Group Ltd. in conjunction with the Scheme Administrator Global Home Warranties Ltd. of Unit 3C Fingal Bay Business Park, Harry Reynolds Road, Balbriggan, Co Dublin.

Global Home Warranties Ltd. are an Appointed Representation of Peacock Insurance Services Ltd., who are authorised and regulated by the Financial Conduct Authority and have been granted the right to trade in the Republic of Ireland by the Central Bank of Ireland.

Ark Insurance Group Ltd. is authorised and regulated by the Financial Conduct Authority and entered on the FCA register under number 706598 and has been granted the right to trade in the Republic of Ireland by the Central Bank of Ireland.

This document outlines the main benefits and restrictions to cover for the HomeBond Latent Defects Insurance policy. This is not a Policy Document and does not reference all of the benefits, terms, conditions, limitations, exceptions and exclusions associated with your policy. Complete pre-contractual and contractual information on the product is provided in the full policy documentation. Please read your Policy Document in full to ensure that you fully understand the cover provided by your policy. If cover has been restricted on your policy it will be noted on your Certificate of Insurance.

The Insurer is International General Insurance Company (UK) Ltd. and is registered in England and Wales (registration no.06870207), authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority, Central Bank of Ireland and Prudential Regulation Authority for the conduct of UK and ROI business.

What is this type of insurance?

HomeBond provides cover for 1) loss of deposit and damage caused by defects and structural defects in newly built houses and 2) damage or impending damage to insured equipment caused by defects.

What is insured?

Defects Insurance (1.2): Covers the cost of rectifying damage to your property caused by a structural defect and resulting in Water/Smoke Ingress; Physical danger which could cause death or physical harm to occupants; Damage caused by certain defects affecting a significant portion of the habitable domestic areas.

Structural Insurance (1.3): Covers the cost of repairing major damage caused by a defect in the original construction.

Extra Cover: Where a claim is paid we may also pay:

- Reasonable costs to comply with Building Regulations
- Alternative accommodation costs whilst the property is uninhabitable
- Professional fees relating to the repair or rebuilding work
- Reasonable debris removal and demolition expenses
- Temporary and fast-track repair costs
- Access and break out costs for equipment
- Reasonable costs of investigating possible repair, replacement or restoration of your equipment.

What is not insured?

The below list outlines some key areas and items not included in the cover. A full list of exclusions is available in the policy wording.

- Defects or damage known to you prior to purchase of the property
- Damage resulting from alterations undertaken without our consent
- Damage arising from improper use or application of tools during normal maintenance servicing or repair
- Loss or damage caused by Specified Perils (for example fire, lightning or flood) or accidental damage.

Are there any restrictions on cover?

Defects Insurance (1.2): The maximum amount payable is €75,000.

Structural Insurance (1.3): The maximum amount payable is €300,000.

In respect of 1.2, 1.3 & 1.4 above if the property is part of a Continuous Structure and the total claims exceed the lesser of the Continuous Structure Limit or the Overall Financial Limit, your claim will be proportionately reduced.

Where am I covered?

Cover is provided at the address only that is stated on the Certificate of Insurance.

When and how do I pay?

Payment should be made in accordance with the contractual agreement to purchase the House.

What are my obligations?

It is the Policyholder's responsibility to ensure a thorough independent inspection is undertaken of the housing unit before hand-over. If the inspection identifies any defects, damage or danger, they should be reported to the developer and rectified before completing the purchase.

- The policyholder should keep a copy of all reports and correspondence with the Developer for their records and produce to HomeBond upon request in the event of a claim under this Policy.

When does the cover start & end?

Cover for Defects and Equipment Insurance commences on the effective date stated on the Certificate of Insurance (Final Certification) and ceases five (5) years after that date.

Cover for Structural Insurance commences on the effective date stated on the Certificate of Insurance (Final Certification) and ceases ten (10) years after that date.

How do I cancel the contract?

Your rights to cancel your policy cooling-off period: You have 14 working days to make sure that You are happy with the cover provided. You can cancel the policy by telling Us in writing and returning the Certificate of Insurance. This 14 working day period, known as the 'cooling-off period', starts on:

- the day you receive your policy following the inception of the cover; or
- the date the period of insurance starts; whichever is later. You may not cancel the policy at any other time.

If you do cancel the policy within the cooling-off period, as long as You have not made a claim, we will refund to the Developer of Your property any premiums that they have paid.

If You have made a claim, the developer of Your property will not get a refund.



SYSTEMS & EQUIPMENT

Use and maintain your new home's mechanical equipment.



SYSTEMS & EQUIPMENT

HEATING & HOT WATER SYSTEM OVERVIEW

The dwelling is provided with a high-efficiency air-to-water heat pump which provides heating and hot water. There are detailed instructions and more information on how this pump operates available in the operational manual supplied. The external heat pump unit is located at the rear of the dwelling.

The heating system is designed to provide the homeowner with two separate heating zones. The ground floor area is Zone 1 and is controlled by the thermostat located in the ground floor Hallway. The first floor is Zone 2 and is controlled by the thermostat at the upper-level landing area. The homeowner can set the thermostat to the required temperature by turning the dial on the thermostat. The maximum temperature setting for the heating system is 21 degrees.

Heat pumps operate differently from standard gas boiler installations, in that the heating water temperature is significantly lower. The lower the heating water temperature through the radiators, the more efficient and cheaper the system will be.

Homeowners should be advised that in order to operate at its most efficient, the system should not be turned off. The zone thermostats will control the heat pump and reduce output when heating demand is satisfied. In this way, the heat pump can ensure a comfortable environment is achieved, with the benefit of lower energy costs. Turning the heat pump on and off like a boiler system results in periods of high loading and this will reduce the efficiency and increase running costs.

When the heating system is operational and the set temperature is reached within the zone, the system will close the valve serving the heating zone until the temperature in the zone drops below the set temperature.

In addition to the heating thermostats, individual radiators are provided with thermostatic mixing valves. These can be adjusted independently of the zone thermostat, allowing an increase or decrease of radiator output as required in each room. This will not override zone thermostat settings so will only allow lower temperatures in zones where this is desired by the homeowner.

The external heat pump unit contains a fan which will ramp up and down depending on the heating requirement. Care should be taken to ensure that no obstructions or obstacles are placed in the vicinity as this can affect performance. For further guidance, please refer to the Joule manual.

All equipment has been commissioned and preconfigured to ensure optimum efficiency and operation of the unit. The homeowner should only adjust temperature and time settings – any other adjustments should only be carried out by a qualified engineer.

A GUIDE TO CONDENSATION

Condensation is by far the most common cause of dampness in buildings, probably accounting for most dampness problems reported.

Condensation is directly associated with mould growth, and it is this that the occupier first sees and gives an idea as to the potential scale of the problem. The mould is usually found on decorative surfaces, especially wallpapers, where it can cause severe and permanent spoiling. The mould and its spores ('seeds') cause the 'musty' odour frequently associated with a damp house and can sometimes give rise to health problems.

The obvious places for condensation to occur are on cold walls and floors, but sometimes it occurs in roof spaces and in subfloor areas where there is a suspended floor. Timbers in these areas will become damp and susceptible to damage by dry rot or wet rot.

While condensation is obvious when it occurs on impermeable surfaces - most commonly window glass, cold water pipes and ceramic tiles - it will also form on any surface which is at, or lower than, dew point. The presence of condensation on more absorbent surfaces (such as paint, plaster, and wallpaper) becomes obvious when disruption, damage or mould growth forms on that surface.

Mould growth is a typical sign of chronic condensation and occurs as spores which are always present in the air. Mould is a significant health risk to asthmatics, anyone with other respiratory conditions, the very young and elderly people. The high humidity levels associated with condensation also enables house dust mites to flourish. The droppings from these microscopic creatures as well as mould spores can cause allergic reactions which are also linked to the onset of asthma.

The cause

It is a fact that warm air can hold more water as vapour than cool air. So, quite simply, condensation is caused when moisture-laden air comes into contact with a cold surface and the air is cooled to a point where it can no longer hold its burden of water vapour. At this point, (dew point), water begins to drop out of the air, and it is seen as condensation on surfaces. On impervious surfaces such as glass and paint, beads or a film of water collect, but on permeable surfaces such as wallpapered and porous plaster the condensing water is absorbed into the material. Therefore, the problem is initially not obvious.

If you do not take steps to reduce condensation it can lead to some of the common problems associated with dampness such as mould on walls and furniture. Damp housing encourages the growth of mould and mites. It can also increase the risk of respiratory illness.

What actions are required?

Double glazing and improved insulation mean we have warmer homes, but unless a property is adequately ventilated, it can become damp. We ask all homeowners to ensure that their properties are sufficiently ventilated by taking a few precautions stated below to avoid condensation and the build-up of damp:

1. Do not block vents.
2. Turn on the extractor fan while cooking.
3. Open your windows for approximately 15 minutes each day to allow air circulation.



HEATING CONTROLS

The heating system is configured to provide 1) hot water and 2) independent heating zones. The heating controls installation comprises a central heating programmer, zone thermostats and local radiator thermostatic valves.

Each zone can be controlled independently via time and temperature settings. Time settings are adjusted via the programmer. Functions available to the homeowner are as follows: Thermostats provide control of temperature in each heating zone. Thermostats are digital dial type. The homeowner can adjust the thermostat to the required temperature by adjusting the dial.

Recommended temperature settings are as follows:

Living areas: 18 - 21 Degrees

Toilets: 18 - 21 Degrees

Bedrooms: 16 - 21 Degrees

The maximum temperature setting for all zones is 21 Deg C. The system is not designed to achieve temperatures above this setting. Please be advised that increasing the temperature will have an increase on your electricity bill.

Heating to each zone will be turned off when the temperature setting on the thermostat is achieved. If an increase in temperature is required, adjust the dial on the thermostat

to the desired setting. This will ensure the heating system continues to operate until the set temperature is achieved. Please note that towel rail radiators can only be turned on when the main heating is on. Do not place wet clothing on radiators if the windows are not open as this will affect the temperature regulation.

In addition to the thermostats, temperature-regulating valves are also provided on each radiator. These valves can be adjusted to increase or decrease the output of each radiator separately. Please note that there isn't a temperature-regulating valve on the master radiator as this would prevent the rooms from maintaining a balanced temperature.

Setting the radiator to a lower setting will reduce the heat output from the radiator, while raising the try setting will increase the radiator setting.

Changes to the radiator valves will not override the thermostat settings unless the radiator valve is turned to the closed position.

WATER SYSTEMS

Hot water

The heat pump generates hot water in the cylinder located in the hot press as per the image opposite. The dwelling is provided with a 200-litre hot water cylinder with a quick recovery coil ensuring ample hot water is always available. The hot water storage cylinder temperature is set at the commissioning stage so does not require adjustment. The heat pump controller will raise the water temperature to 60 Deg C on an anti-legionella cycle as required.

The homeowner can turn off all hot water generation by setting the holiday mode function on the programmer if the house is unoccupied for a period of time.

Cold water

Mains water is supplied to the dwelling via the Irish Water main. The supply to the house can be controlled by an on/off switch (stopcock) generally installed in the public footpath outside your house.

A second stopcock is installed inside the house under the kitchen sink, which allows the homeowner to turn the supply off in an emergency, maintenance or incase there is a leak/weap. Please be advised that if a water softener is fitted onto the main supply, then Glenveagh are not liable for any leaks or issues within the vicinity.

From the internal stopcock water rises to supply the cold water storage cistern in the attic. A cold water booster pump is installed adjacent to the water tank from which all sanitary fittings are served. Only the kitchen tap is connected directly to the mains drinking water supply.



Ventilation

The Fire Rated Ceiling Air Valves are a unique and cost-effective alternative to air valves with fire dampers. The Fire Rated Ceiling Air Valves offer a fire-rated solution where recessed ceiling air valves are to be installed in fire-rated ceilings.

In a fire situation, the integral intumescent material rapidly expands to seal off the air valve and reinstate the fire resistance rating of the ceiling. This limits the risk of fire and heat spread throughout the building.

- Extract and supply versions.
- 60-minute fire ratings.
- No maintenance required.



SYSTEMS & EQUIPMENT

MECHANICAL & VENTILATION SYSTEMS

Your new home comes kitted out with a range of different equipment and systems, all working together to keep your house a home. Find out how each of these systems works, right here.



1. Stop Valve

Location: Your inside stop valve is inside your house and is normally located just after the water pipe enters the house. This is often under the kitchen sink but can also be in an airing cupboard or under the stairs.

Instructions: To turn your water off, turn the valve clockwise. It

may take a few turns to stop the water, and it may also take a few minutes for the water to stop running altogether as there may be some water left in the pipes. To turn the water back on, turn the valve anti-clockwise and wait a few minutes for the water to start running again.

Contact details: Please contact Glenveagh Customer Care if you're experiencing any problems with your stop valve within 18 months, from the date that we notify you that the works on your home have been completed.

Email: customercare@glenveagh.ie

2. Heat Pump & Cylinder System

Location: The internal cylinder which provides both hot water and heating to your home will be located in the hot press. The air-to-water unit, which heats the hot water cylinder, is located in the back garden.

Instructions: The hot water cylinder located in the hot press will provide both hot water and heating for your home. The hot water tank has a set temperature on the controller of the cylinder. Once hot water is drawn down the temperature in the tank will decrease. When the sensor for the hot water detects the temperature has dropped between 5-7 degrees of the set temperature, this will engage the air-to-water unit outside and bring the temperature back up to the set point. The heating is controlled by the downstairs and upstairs stats. Each stat should be set at a required temperature and left at that temperature. Once the temperature drops below the set point the air-to-water unit will engage to bring it back up to the set point of the stats.

Maintenance: The Cylinder/Indoor unit requires annual servicing to ensure safe working and optimum performance. All checks must be performed by a competent installer on an annual basis.

This is commonly done at the same time as the annual heat pump service.

Warranty: The air-to-water unit has a 7-year parts & labour warranty. The hot water cylinder has a 25-year warranty and the moving parts pumps. Motorised valves have a 2-year warranty. All are subject to annual service by a Joule-accredited engineer.

Glenveagh Customer Care will assist you with any issue in relation to this appliance for a period of 18 months from the date that we notify you that the works on your home have been completed.

Contact details:

Email: service@joule.ie

Phone: (01) 6237080 and press 3

3. Mechanical Extraction Ventilation

Location: InvaVent Mechanical Extraction Ventilation unit is generally installed in the roof space and ducted to all wet rooms. The low-energy unit runs at a low ventilation rate continuously extracting stale polluted air from rooms where the most moisture is generated e.g. kitchens and bathrooms.

Instructions:

- Fresh air is provided from the outside to habitable rooms by trickle vents fitted in the wall.
- The background ventilator must be in accordance with TGD F F(i) 1.2.2.8: "For any design air permeability, controllable background ventilators having a minimum equivalent area of 2,500 mm² should be fitted in each room, except wet rooms, from which air is extracted."

- The extract air is ducted with 204/60mm or 125mm from the wet rooms to the outside through a centralised mechanical ventilation unit.
- The extract rate is boosted at times when excessive moisture is being generated.
- The fan can be adjusted at the unit and at the valves to ensure the correct ventilation rates are achieved in accordance with TGD F.
- A 10mm cap minimum underneath the doors is required for air transfer between rooms.



Warranty: There is a 3-year warranty on the box and the electrical components.

Maintenance: Before (possibly) proceeding to clean your extract unit, as the householder, you need to inspect it to establish whether it is necessary. Your MEV system needs to be cleaned by an accredited installer. The homeowner must ensure nothing compresses ductwork visible in the attic space. No items are to be left on top of the fan unit or ductwork. This could have a serious impact on ventilation performance and void the system warranty. As part of routine maintenance, visually check that all ducts are connected and identify any damage or disconnection to ductwork.

Contact details:

Email: info@joule.ie

MECHANICAL & VENTILATION SYSTEMS FAQ

More information on your home's equipment and systems.

Is my heat pump and cylinder registered?

They are registered when commissioned, prior to the customer moving in.

What do I do if I have an issue with my heat pump or cylinder?

Contact Joule on the number/email given in the earlier parts of the information.

What is the average temperature for the radiator?

The average surface temperature of a radiator will be substantially less in a house heated by a heat pump compared to a conventional gas boiler. The radiators in your house will have an average surface temperature of approximately 40 Degrees and will be lukewarm to touch. This is normal and allows the heat pump to run with high efficiency and low cost. These are the design settings and the heating system is not designed to provide temperatures in the dwelling above these set points.

What is my standard warranty and extended warranty period for Joule products?

The warranty period starts on the date of expiration as shown on the commissioning report. The standard warranty period ends 24 months later. By registering the product(s) you will receive an additional 5-year extended warranty which will bring the total period of coverage to 7 years from the date of installation. All of the terms set in this Statement of Limited Warranty shall apply to any extended warranty. The method of service and operating conditions will be described in the original warranty statement provided with the Samsung product.

Note: all heat pumps commissioned by Joule are registered for extended warranty automatically. Proof of extended warranty is in the form of a Joule commissioning certificate. All Samsung Air Source heat pumps supplied by Joule must be serviced annually to maintain the product warranty under the terms of the EUW Agreement.



WALRUS HQ SERIES ELECTRONIC CONTROL PUMP

Product

The HQ series is designed for the pumping of non-aggressive water, or water not containing solid particles.

Operation and maintenance

The mechanical seal and shaft sleeves are lubricated by the pumped liquid. Under normal operating conditions, the pump does not require any maintenance as long as the following points are observed:

1. Periodically check the condition of the check valve and strainer (if used).
2. If the pump is to be inactive for long periods, it should be rinsed thoroughly with clean water, then, drained and stored in a dry place.

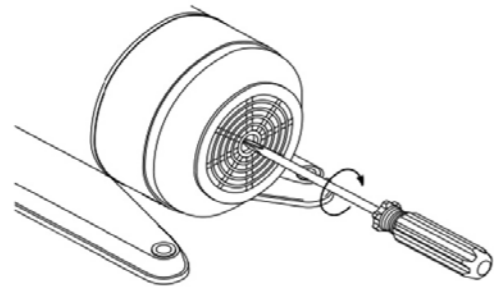


Figure 3

3. If the pump sticks after periods of inactivity, a screw driver slot is provided on the motor shaft end to free up the pump/motor. To do so, insert a screw driver in the slot in the motor shaft as shown in Fig 3 and turn to free the rotor. If this does not remedy the problem, the unit will need dismantling.

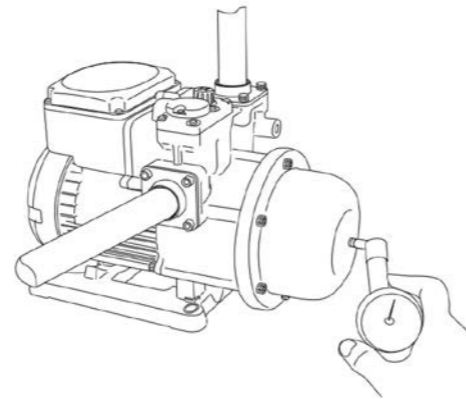


Figure 4

4. Pressure tank air charge should be checked at regular intervals of every 3 months and after the pump has not been used for a prolonged period. To check the Pressure Tank air pressure, turn off the power, open a tap on the discharge line to release pressure from the pump, unscrew the black plastic cover and apply an accurate pressure gauge to the valve as shown in Fig 4.

Glenveagh Customer Care will assist you in any issue in relation to this appliance for a period of 18 months from the date that we notify you that the works on your home have been completed.

ELECTRICAL SYSTEMS

From smoke alarms to general lighting, your home is kitted out with a range of electrical systems - read on to learn the basics.

1. Consumer Unit

Location:

The Consumer Unit is located in the utility room near the ceiling.

Instructions:

The switches on the consumer unit will be labelled by the electricians prior to moving in. This will inform the homeowner which switches they are turning off and on should the need to do so arise.

Maintenance:

Annual service to be organised by the homeowner with a registered electrician.

Warranty:

There is no warranty required on consumer units.

Glenveagh Customer Care will assist you in any issue in relation to this appliance for a period of 18 months from the date that we notify you that the works on your home have been completed.

2. Smoke Alarms

Location:

Smoke alarms are mains powered and distributed on the ceiling throughout the home.

Instructions:

The homeowner should check regularly if they are in working order and change the batteries if necessary.

Maintenance:

Ensure the detectors in your home are working, testing them twice a year.

Warranty:

5-year warranty with Hager Electrical.

More information:

The dwelling has been fitted with mains Operated Smoke Alarm with battery backup in all habitable rooms with Heat detectors installed in the kitchen. To check that this alarm is working, press its button hard for 3-4 seconds. This check should be carried out twice a year to ensure that the alarm is fully operational

If your smoke detector/alarm is making a "bleeping" sound every 40 seconds and a flashing red light, this indicates that the backup battery has expired or is incorrectly fitted and should be replaced or refitted immediately.

3. Lighting

Location:

Much the same as the smoke alarms, the lighting in the house is low energy and distributed throughout as per the electrical drawings.

Instructions:

On and off switch. Maintenance: Check bulbs regularly and replace them if necessary.

Warranty:

2-year warranty with Robus Lighting.

Glenveagh Customer Care will assist you with any issue in relation to this appliance for a period of 18 months from the date that we notify you that the works on your home have been completed.

Contact details

Contact: **Hager**

Phone: **086 608 3981**

Email: **michael.bissett@hager.com**

Contact: **Robus Lighting**

Phone: **086 825 6558**

Email: **ssweeney@robust.com**

Lighting schedule



Supplier: Hager

Location: Utility / Living Room / Dining Room / Hallways / Bedrooms

Description: A lone light fixture hanging from the ceiling suspended by a cord.

Supplier: Luceco

Location: Downstairs WC / Bathrooms / Utility / Hot Press

Description: ECO Decorative indoor IP54 LED Bulkhead Light.

Colour: White moulded with Chrome bezels.



Supplier: Robus Lighting

Location: Kitchen / Dining Room

Description: LED Downlighters (Fire rated 60 minutes.)

Downlights consist of fire-rated units to eliminate any additional fire rating box outs within the ceiling void on site.



SYSTEMS & EQUIPMENT



ELECTRICAL INSTALLATION

Electrical wiring and protective devices

The electrical supply to the dwelling is via underground ducting which enters the dwelling at the external metering location. The fuse board for the house is inside the front door/utility and all fuses and protective devices are contained here.

An MCB can be reset to the upward ON position when the fault is identified and repaired.

Additional protection is provided on socket circuits by a Residual Current Device (RCD) which is an earth leakage apparatus which provides additional shock protection for certain circuits (e.g. immersion, shower) and appliances used outside the home.

Should this type of failure take place, then this RCD will trip out and turn off the whole electrical supply to your home.

The main switch turns off the Consumer Unit completely. The RCD switch controls just the power (Protected side).

All RCDs have a test button to check that the mechanism is working properly. This test button should be operated at regular intervals of once a month. Remember to reset the switch after testing.

Repair work on the fixed electrical installation or to electrical appliances should only be carried out by a competent, qualified and registered person and should not be attempted by a layperson.

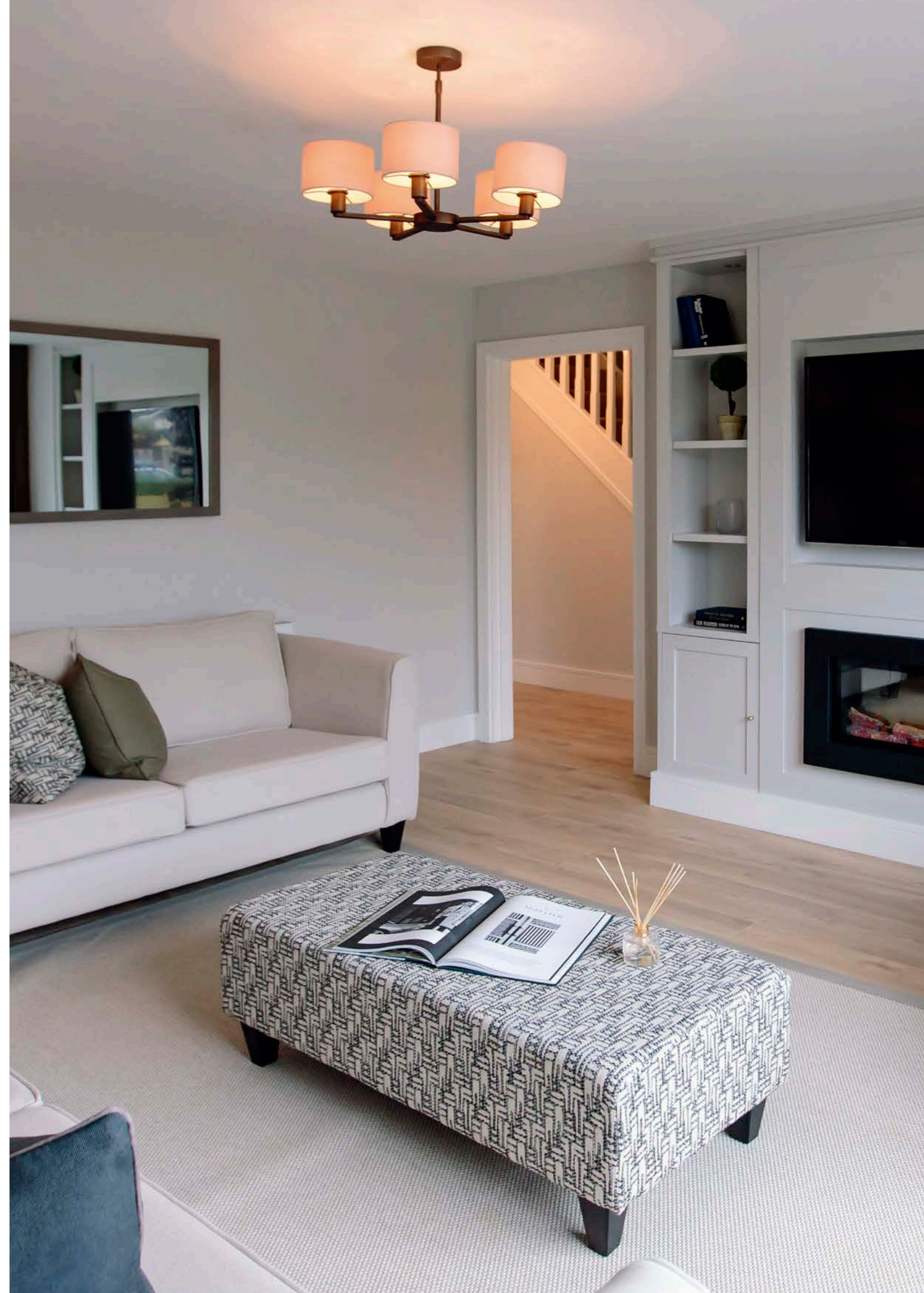
TV/Phone

There are telephone points in the hall, living room and the main bedroom.

The homeowner will need to contact the preferred telephone and broadband supplier to create an account and activate TV and phone services.

Doorbell

There is a doorbell situated on the exterior of the building, by the main entrance. have been completed.





LIGHTING CONTROL

Stainless steel sockets above the counter level in the kitchen area only.

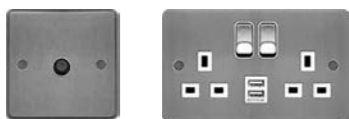


Switch control ports

10AX 1 Gang 2 Way Wall Switch Polished Steel White Insert.

Double switch

13A 2 Gang Double Pole Switched Socket Brushed Steel.



Double switch with double USB point

13A 2 Gang Double Pole Switched Socket c/w Twin USB Ports Brushed Steel.



TV outlet

Raised plate TV outlet, Brushed Steel.



LIGHTING FAQ

Can I carry out electrical work in the home?

Any electrical work in your home must be carried out by a certified installer and company with the building and wiring regulations.

What should I do if the electricity goes in my home?

Check the circuit breakers on your fuse board, if there are no fuses or switches tripped then call ESB Networks and report the power outage through the process on their website.



KITCHEN OVERVIEW

Your home has been provided with top-of-the-range appliances. Learn how to understand, clean and maintain your kitchen with confidence.



KITCHEN

SOLID SURFACE COUNTERTOP WARRANTY INFORMATION

A solid surface countertop consists of mineral dust - mostly marble - mixed with a variety of plastic resins and pigments. The great appeal of a solid surface is that it is easy to fabricate and can create invisibly seamed countertops that look great.

Fitzgerald Kitchens offers, as standard, a 1-year defects and damage warranty on all new solid surface countertops fitted on development sites. The warranty is valid for one calendar year from the date of purchase of the property. Homeowners are advised to never kneel, sit or stand on a countertop as this may cause cracking and will void the warranty.

This warranty applies to any solid surface countertop but does not apply to damage caused by the following:

1. Accidents or misuse
2. Damage from heat
3. Breakage not due to a defect in the material or fitting
4. Improper care and maintenance.

The company will repair or replace, at its discretion, any fitted countertop found to contain a manufacturing or fitting defect within the period of the warranty.

Care guide for solid surface

A solid surface composite countertop is a man-made material, composed of acrylic resin. This material is more resistant to surface damage than other materials but better care will make for a longer life. Worktops are buffed to achieve an aesthetically pleasing matte finish with no need for sealing.



KITCHEN

LAMINATE COUNTERTOP WARRANTY

Fitzgerald Kitchens offers, as standard, a 1-year defects and damage warranty on all new laminate countertops fitted on development sites. The warranty is valid for one calendar year from the date of purchase of the property.

Plastic laminate countertops are durable man-made surfaces, but like any product, they can be damaged by misuse. It's advised to never kneel, sit or stand on a countertop as this may cause cracking and will void the warranty.

This warranty applies to any laminate countertop but does not apply to damages caused by the following:

1. Accidents or misuse
2. Damage from heat
3. Breakage not due to a defect in the material or fitting
4. Improper care and maintenance.

The company will repair or replace, at its discretion, any fitted countertop found to contain a manufacturing or fitting defect within the period of the warranty.

All repairs must be specifically authorised before being undertaken.

Mitre joints in laminate countertops require silicone sealing once a year to maintain their water resistance. This is the responsibility of the homeowner.

Care guide for laminate

Countertops should be cleaned with a damp cloth or sponge and a mild detergent. Cleaners containing ammonia, bleach, or abrasives should not be used. The countertop should be wiped with a clean, damp cloth and dried with a non-abrasive cloth. Abrasive cleaners and products such as steel wool should never come into contact with laminate.

Stain removal

Difficult stains can be removed using a mild household cleaner and a soft bristle brush. To remove any residue it's important to rinse thoroughly and dry. Never use cleaners containing acid, alkali or sodium hypochlorite. Hair, textile and food dyes can also cause permanent stains and if they come into contact with laminate wipe up immediately and rinse several times with water. It's advised not to use abrasive cleaners, powders, steel wool, sandpaper or scouring pads on the laminate surface.

Cleaning

Worktops are non-porous and can be wiped down with household cleaning liquids. Specially formulated cleaners for 'solid surface composites' can also be used.

For most staining, a simple soap and water solution on a cloth or sponge will suffice. For trickier stains, a stronger cleansing agent may be required. It's advised to soak the stained area in an abrasive cleaner for about 10 minutes, use a cloth or sponge to rub the area in a circular motion carefully and then rinse thoroughly. Do not expose the surface to harsh chemicals and if contact occurs, flush the countertop with water. Never use steel wool on a countertop.

To prevent a soap film or residue, it's important to dry the surface thoroughly after cleaning as residue streaks can leave behind what looks like light scratches. To remove hard water deposits, it's best to use a wet cloth with a mixture of one part vinegar to three parts water and then dry the area with a clean dry cloth.

Minor damage

A scratch that can be felt by touch should be addressed by a professional fabricator. To avoid scratching, it's advised to always use a cutting board instead of cutting directly on the surface. Use felt pads on canisters, pottery, etc. to prevent scratching on the surface.

Heat tolerance

Always use a hot pad or trivet with rubber feet to protect the surface from heat. Hot pans and heat-producing appliances may cause discolouration or cracking which will void the warranty.

Care

Scratches and small chips from sharp utensils may occur over time through general use but can easily be removed by a professional fabricator by sanding with a sanding sponge for fine scratches, and sandpaper for deeper scratches and small chips.

If the material becomes cracked or broken, a solid surface can, in most cases, be repaired quickly by a certified solid surface repair company or trained fabricator.

KITCHEN

Minor damage

Ceramic and abrasive objects can cause scratches and premature wear. It's not advisable to chop, slice, pound or hammer on the laminate surface as sharp utensils will scratch or slice the surface. Heavy blows may crack or gouge the surface. To protect the countertop it's best to use cutting boards, chopping blocks or other protective equipment.

Heat tolerance

Hot items should not be placed directly on the laminate surface and protective insulated pads should be used instead. Extreme heat can cause cracking, blistering, burns and discolouration and these are irreversible. Electric heat sources such as kettles, skillets, and irons used directly on the laminate surface can damage it.

Water damage

Water that is allowed to sit on the countertop for any length of time, especially near mitre joints, can penetrate and cause the core of the countertop to swell and delaminate so it's advised to always wipe it immediately. Care should be taken in areas where sinks, dishwashers, coffee makers, toasters or kettles are located on or near a mitre joint. Water or other liquids should be wiped off immediately. Damage caused by excessive water in the seam area is not covered under warranty.



EXTRACTOR FANS & HOBS

Extractor Fans

Extractor fans should always be used while cooking.

- We recommend that you switch on the cooker hood up to five minutes before you start cooking to start the air circulation. You should also leave the hood on after you have finished cooking to clear away lingering smells and steam in the kitchen.
- It's important to maintain the fan by changing or cleaning the filter in line with the manufacturer's instructions.
- It's really important to note that lids should be used on pots. Homeowners should expect excess steam, especially with induction hobs, this is easy to wipe away with a dry cloth.
- The grills should be cleaned regularly as a build-up of grease will occur and decrease the extraction rate.

Charcoal Filters

Where venting is not possible, the use of charcoal filters allows the air to be recycled. Charcoal filters are available online to suit whichever cooker hood you choose.

Induction Hobs

If choosing an induction hob, we recommend that you check which fan you have selected or comes with your kitchen package as you may need to upgrade your extractor fan if you do a lot of hob cooking. Please note that each extractor fan has been tested and is performing as per spec with a high extraction rating. In order to upgrade your extractor fan, please contact Kube directly.

It is of particular importance to switch your fan on 5/10 minutes before starting to cook to help reduce condensation. If the excess steam is not removed with a dry cloth, damage may occur to the kitchen materials in the long term.



CABINETS WARRANTY INFORMATION

Fitzgerald Kitchens offers, as standard, a one-year defects and damage warranty on all new kitchen and wardrobe cabinetry and fitting components fitted on development sites. The warranty is valid for one calendar year from the date of purchase of the property.

This warranty applies to any kitchen or wardrobe component but does not apply to damages caused by the following:

1. Accidents or misuse
2. Damage from heat
3. Breakage not due to a defect in the
4. material or fitting
5. Improper care and maintenance.
6. The company will repair or replace, at its discretion, any fitted component found to contain a manufacturing or fitting defect within the period of the warranty.

All repairs must be specifically authorised before being undertaken.

Care guide for painted and laminate cabinetry

- ALL carcasses are made from 18mm MDF with 100gr melamine bonded onto it with 2mm PVC edging to the front face.
- Painted doors are Shaker MDF hand-painted, or finish spray-painted.
- Laminate doors are Slab doors made from MFC bonded onto it with 2mm PVC edging.
- The hinges used are “Blum” and the drawers are “Alto”

Tips for cleaning

- The cabinet interiors can be cleaned with an abrasive cleaner.
- Doors should only be cleaned with washing-up liquid and warm water.
- Interiors and exteriors should be wiped dry immediately after cleaning.
- A clean, microfibre cloth should be used for regular dusting.
- Hardware should be cleaned with a solution of warm water and mild dish detergent applied to a damp microfibre cloth.
- Brass and silver cleaners are not recommended.

Everyday maintenance

- Cabinet shelves and drawers should not be filled with heavy loads.
- Door-mounted storage accessories should be avoided unless the cabinet has been specifically designed for this.



Appliances and heat/steam damage

- Heat and steam can damage many components of a kitchen.
- When cooking the vent should always be turned on, or the range hood or extractor fan used.
- Hot items and electrical appliances should not be placed directly on the countertop and protective trivets or chopping boards should be used.
- Heat and steam-producing appliances such as toasters, kettles or coffee makers should not be placed directly below the upper cabinets. This will help prevent damage to the finish, edging, and doors of the cabinet.

Exposure to sunlight

- Blinds or shades should be considered to prevent discolouration of cabinetry.
- Exposure to direct sunlight can darken the colour of natural wood products, fade painted surfaces, laminated surfaces and thermofoil surfaces.

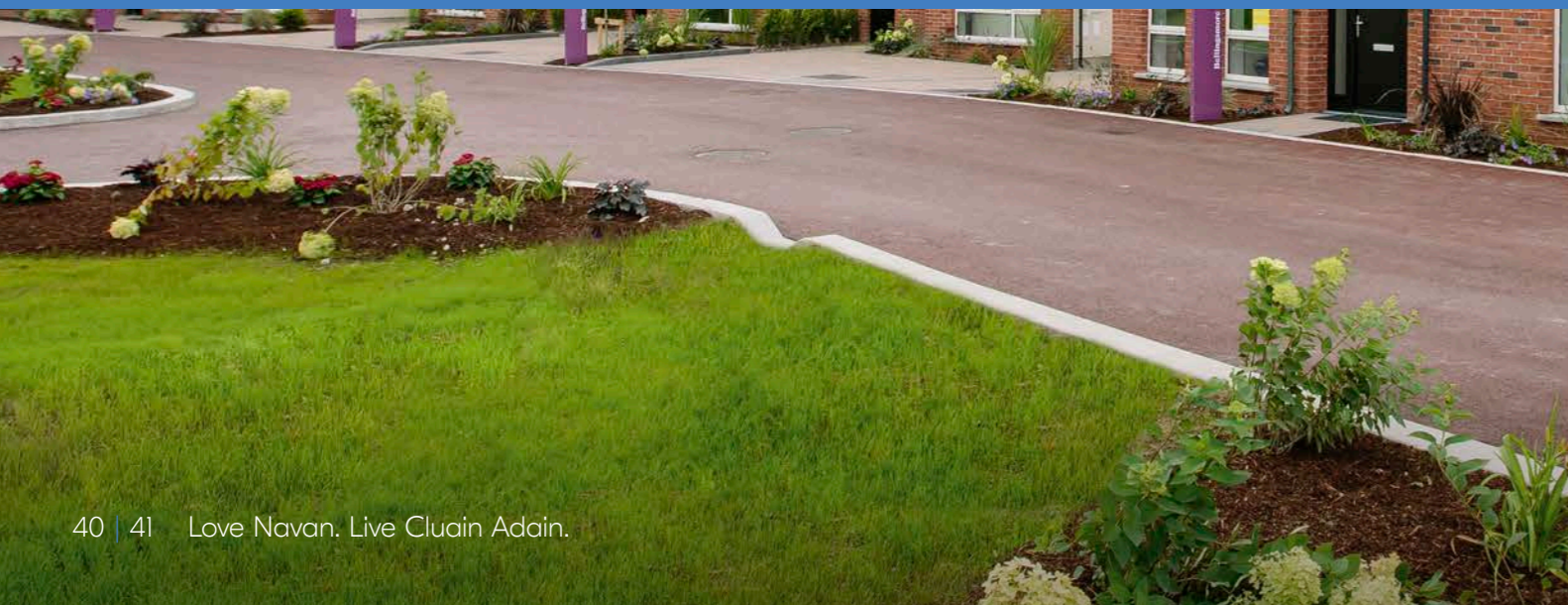
Water damage

- Prolonged exposure to spills, including food, water or other liquids can cause permanent discolouration or damage so cleaning should be done quickly.
- Damp or wet dish towels should never be draped over the doors of cabinets as over time this moisture can cause permanent water damage.
- Extra attention is required around susceptible areas such as sinks, drainers, dishwashers and food preparation areas.



MAINTENANCE & CARE GUIDE

Information to help you maintain and care for your new Glenveagh home.



GLASS

Insulated glass units

- Compass assures that the glass will comply with the standard visual quality standards.**
- Compass warrants that the seal on double glazed units will be free from failure (failure is taken to mean failure of the insulated glass resulting in penetration of moisture on the glass inside the airspace) for a period on ten years from delivery.
- If a failure occurs in the first five years, Compass will be responsible for the supply and fitting of the replacement glass units.
- If failure occurs in the second five years, Compass is limited to supplying the units only.

Vistatherm Glass

Compass Windows and Doors are a fully accredited VistaTherm agent.

VistaTherm are committed to providing the best insulated glazed units meaning they continually invest in the latest machinery, regularly and thoroughly test their processes, maintaining standards of quality that exceed all industry requirements for quality & performance.

Processing Standards	Other Glass Standard	Certifications
EN 972 Glass for Glazing	EN 1863 Heat Strengthened Glass (Conform only no Kitemark can be given)	ISO 9001:2008 Quality Management system
1279 Insulating Glass Units	EN 14179 Heat-Soaked Glass	ISO 1400:2004 Environmental Management System
(BS) EN 12150 Thermally Toughened Soda Lime Silicate Glass	EN 12543 Laminate Safety Glass	BS OHSAS:18001 H&S Management System
(BS) EN 12600 Pendulum & Impact	EN 14449 Laminate Safety Glass	BS 5000-1 Energy Management System

MAINTENANCE & CARE

**Glass visual quality standards

- Clear and Flat: It is important to check your glass within 3 working days of delivery, before any rendering, plastering or other works adjacent to the glass takes place.
- Standing 3 meters away or as far as you can if 3 meters is not possible, look directly through the glass, not at it, in natural light but not direct sunlight with no visible moisture on the surface of the glass at a 90° Angle to the window.
- It is acceptable to see bubbles/ blisters, fine scratches not more than 25mm long or minute particles providing they are neither obtrusive nor bunched.
- Toughened glass due to the process of toughening may show some visual distortions, this will not affect the window performance and Laminated glass is made up of several layers so may have a few more blemished than clear flat glass.

Ironmongery And Seals - Warranty

- Compass warrants hinge systems and handles for a period of 5 years against functional failure.
- Replacement ironmongery will be supplied and fitted under warranty within one year of delivery after which replacements are supplied for the customer to fit.
- The standard lifespan of surface coatings is affected by extreme climate. We recommend the use of stainless-steel hardware where possible in the likes of coastal areas to delay corrosion as best as possible.
- Surface finishes for ironmongery are covered by the Warranty for 1 year.
- Any replacement part supplied will be covered by the warranty period activated from the original point of supply and not extended.
- In the event of a component or part failing on products/items supplied only which are due to defects caused by manufacturing, materials or workmanship, our liability is restricted to the supply only of a replacement product/part or providing a factory authorised repair to the returned product. No liability is accepted for any charges for installation, painting or storage or any other consequential costs.
- Low emissivity coating can in some conditions look like the glass is hazed or cloudy, this is normal.

Cleaning Glass

- Glass labels should be removed as soon as possible after installation. Whilst these are low tack, long exposure to sunlight can increase the glue bond making removal more difficult at a later date.
- Soften any labels on the panes of glass with water to remove more easily. Glue residue on the pane may be removed with a solvent cleaner, avoid profile.
- Please follow product use guidelines (attached).
- Use the minimum amount of water with a very small amount of mild detergent, for example washing up liquid or pure soap flakes, when cleaning the units for the firsttime following installation. Fine/ invisible dust particles and debris can cause scratches so must be removed before wiping surface. (Maintenance guide included in pack)
- Give a final wipe with a damp cloth or leather to remove all water from the surface.
- Never hose down or use large quantities of water for cleaning as this is an unnatural application and will create moisture imbalance within the products.
- Subsequent movement because of same will not be covered by the Company's Warranty.
- Foiled PVCu Products has a fine acrylic finish therefore NO solvent-based products are to be used.

Maintenance recommendations on all products

- Check & clean your window and door products twice a year using water and mild household soap. Use minimal pressure to protect the products
- If glass cleaning product touches the frame or gaskets, wipe clean immediately
- Inspect GRP Doors annually. If there is any evidence of coating wear repaint with two coats of high-quality exterior paint to the door leaf only
- Avoid plaster & render splatters touching the frame/door
- Do not use any aggressive cleaning products on the frames.
- Never paint PVCu windows or doors, ironmongery, or rubber gaskets
- Use little product and little pressure for best results
- Never allow the paint stripper or a blow lamp to come in to contact with products.
- It is highly important with Alu-Clad products that the building is kept dry, and wellventilated during building development
- Warranty does not cover damage caused by aggressive cleaning/products and/or wet trade materials

Protection of installed windows & doors

- Windows and doors must be always protected from continuing construction processes which may produce dust and other pollutants that will affect the product's finish and glazing tapes, as well as interfere with hardware operation.
- Particular attention is required for construction operations that produce abrasive grit, such as angle grinding or rendering, which will pit or scratch glass, paint surfaces and hardware finishes.
- Please treat your window & door products as you would items of furniture.

Maintenance of Window & Door Fittings:

- The friction hinge should be free from dirt, debris, and any other obstructions, in particular the pivots and sliding shoes.
- These should be adjusted sufficiently to ensure the window remains open in the required position so that undue force must be used to open the window.
- Handles should be cleaned with warm water and a mild detergent using a damp cloth.
- Espagnolette locking mechanisms should be examined on an annual basis. All moving parts should be lubricated with light oil. Keeps should be checked to ensure that they have not moved and if necessary, they should be re-aligned to ensure adequate engagement and compression on the perimeter seals.
- Keep ironmongery, hinges, locks etc. clean from dirt and grit by cleaning regularly
- Apply petroleum jelly or silicone lubricant such as Vaseline to moving parts annually. (Avoid balance channel on Timber Sliding Sash windows)

Care & Protection of GRP Nan Ya Door Range

Thank you for investing in our products. Your products have been designed, manufactured and installed to the highest possible standards and are virtually maintenance free. However, to retain their smart appearance and ease of operation a small amount of care and attention is necessary. Please take a few moments to read the guidelines outlined in, this Product Maintenance Guide to ensure you receive many years of trouble free service.

To prolong the life of the door surface finish, it is recommended that the GRP composite door is cleaned regularly. This should be completed at least once per month but will depend upon the doors location and exposure to contaminants such as dirt and salt etc.



- It is recommended that the door is cleaned with specially formulated door wipes which are available from Distinction Door Solutions. Alternatively, the door surface can be washed with warm soapy water (washing up liquid is suitable) and wipe dry with a soft cloth.
- When the door is closed always ensure top and bottom locking points are engaged to assist in the reduction of thermal movement.
- To sustain the gloss finish, apply 2-3 coats of Konig Maintenance Lacquer every 6 - 12 months.

Do Not;

- Use aggressive cleaning methods, abrasive cleaners or scouring pads on the surface of the door.
- Use high pressure of steam cleaners.
- Use any type of bleach, solvent (eg white spirit, methylated spirit, cellulose thinners or acetone/nail varnish remover).
- Use adhesives of any type or tack for providing temporary protection, for the temporary fixing of seasonal or other decorations etc.
- Use excessive length key chains, please try and avoid contact with these and any other sharp objects you may be carrying.

A repair system is available to deal with accidental damage such as dents or scratches. For details please contact Distinction Door Solutions.



Distinction
doors



EXTERNAL CONDENSATION

With improvements in the thermal performance of glass, the phenomenon of condensation on the exterior surface of glazing has become more prevalent. External condensation occurs in particular climatic conditions with high humidity levels and/or particularly cold weather. It is not a defect in the glass or the windows but it does demonstrate that the item is doing the job it's supposed to do – keeping heat in.

The low emissivity inner pane reflects heat back into the building preventing the outer pane from warming up. The outer pane presents a cool surface and, given the right temperature and humidity conditions, water vapour from the air will condense on it.

This was not an issue with traditional double glazing when there was much more heat loss through the inner pane so that the outer pane was warmed up by this wasted energy. Today, because of energy prices, global warming, and the need to comply with building regulations and reduce carbon emissions, it is no longer possible to install inefficient glazing. In Northern European countries which have much colder winters than we do, glazing with very low U-values has been used for some time and the phenomenon of external condensation is understood and accepted. It is considered much more important to conserve energy and have a warm comfortable indoor environment.

Customers are sometimes perplexed by the fact that condensation may occur on one

house but not on another, on one window but not on another, and indeed even on one pane but not on another. This happens because the surface temperature of the glass is affected by the degree of shading from a roof overhang, a projecting reveal or lintel, a tree, another house or by a very minor difference in orientation.

There is nothing that can be done to predict where external condensation will occur or to avoid it. It does however indicate that the glazing is very energy efficient and is saving money by conserving heat. In most cases, the condensation will disappear as soon as the window is exposed to a little sunshine or a breeze.

Munster Joinery offers an excellent customer care service that is competitively priced.

Should you need to contact Munster Joinery with regard to your windows and doors at any time, it will be faster and easier both for you and for the operator if you can quote your contract reference. This can be found printed on the spacer bar that separates the two panes of glass in your double-glazed units.

The string of numbers on the bar is in the following sequence:

Date Size MJ BS EN1279 KM30858

Contact Details:

Phone: 064 7751151

Fax: 064 7751360

Email: info@munsterjoinery.ie

INTERNAL CONDENSATION

Nowadays because of the improved airtightness of buildings coupled with changing lifestyles, more people are experiencing difficulties with condensation.

Because this problem frequently manifests itself in windows and doors, there is a tendency to regard windows and doors as being in some way responsible. This is a totally erroneous viewpoint.

Condensation is water vapour from the atmosphere in the building and cannot possibly under any circumstances be generated by windows or doors. It is introduced into the air inside the building by the users of the building carrying out such activities as breathing, cooking, washing, showering, bathing, drying clothes etc. In the case of a new house, the amount of water vapour generated by the users is significantly added to by the materials used in the construction of the house itself drying out. When the house is warm the air accepts this water vapour until it reaches saturation point. As the house cools down the saturation point of the air drops and it can no longer hold the amount of water vapour, which it accepted, when warmer. This excess has to be deposited on the various surfaces in the room and the cold glass surface provides an ideal surface for this.

The formation of condensation on a surface does not indicate any problem with that surface – it merely indicates the presence of excessive levels of water vapour in the air. Any surface will condensate given the right combination of two factors - the difference between indoor and outdoor temperature and the relative humidity of the environment. For example a particular glazed element will not condensate for an outdoor temperature of -2°C and an indoor temperature of 20°C at a relative humidity of 50%. If however the relative humidity is increased by a mere 2% (eg. boiling kettle, unloading dishwasher or similar) condensation occurs.

Windows and doors can help recognise and deal with a condensation problem. Initially, the formation of condensation on windows and doors provides an early warning that there are excessive amounts of water vapour at large in the building. They provide a clean wipeable surface on which condensation may form without causing a lot of damage, unlike more porous surfaces such as paintwork, presses, clothes, furniture etc. Condensation forming on a window or door surface will cause a lot less structural damage than elsewhere in the building. The presence of heavy condensation on a window or door is a symptom of a problem with moisture control in the building - heed the warning but do not shoot the messenger!

The solution to condensation lies in maintaining the correct balance between heating and ventilation in a building and limiting activities which give rise to the build-up of excess water vapour. Heating creates a situation where the air in the building can absorb a lot of water vapour and ventilation ensures that as the air cools down the excess water vapour can escape instead of condensing on cold surfaces within the building.

A particular problem with moisture control may arise in a new building as the materials in the building itself go through a drying-out process which may take a year or two. If this proves too difficult to manage by normal means, a dehumidifier will help to control the problem.

Remember these points:

- Windows and doors do not cause condensation.
- Windows and doors are safe, clean surfaces on which condensation may form.
- Condensation on windows and doors provides an early warning of a moisture control problem.
- Windows and doors can be used to provide adequate ventilation to solve a condensation problem.

LAWN CARE

A great lawn can create a fabulous impression of a house but can also be very high maintenance. A new lawn requires care and attention until the sward is established and should not be heavily used until it has been established.

Mower

Thinking about the best type of mower depending on a particular lawn can make a difference. The different types of mowers include:

- Rotary: For longer grass on a rougher or sloped lawn.
- Hover: For small gardens and a good finished look.
- Cylinder: For a well-maintained, level lawn a roller can be included to create stripes in the lawn. They can all be purchased with a roller to create stripes in the lawn.

Robotic Mower

Robotic mowers are becoming increasingly popular and cut the lawn regularly at a low level. They are a small rotary mower but it should be noted that they are not suitable for a new lawn as the frequency is too high and setting too low to maintain a thick sward and weeds will enter the lawn.

Cutting

It's important not to cut the lawn too low in the beginning as it establishes itself. Ideally, the mower should be set to cut on a high setting at first and then lowered as the sward thickens. The lawn should be cut in a different direction each time. In the initial weeks, weeds may appear in the lawn but this is normal.

Fertilise

There are a number of preparatory fertilisers on the market for spring and autumn. Most

are a weed killer and grass feed combination. However, there are alternative products available such as Soil Renew which is a combination of organic plant matter and an ecosystem of microorganisms which creates humus in the soil. This will improve soil structure and combat any compaction that results from heavy use. It is organic and poses no risk to the health of humans or pets.

High traffic

High-traffic areas on lawns will inevitably compact and develop bare patches. If this occurs the soil will need to be loosened and reseeded at the beginning and end of the year.

Lawn maintenance

For worn patches, pushing the prongs of a garden fork into the soil, about 100-200mm deep will gently loosen the soil and allow it to breathe.

How to improve your gardens drainage

Your new garden needs time to develop, with the unpredictable Irish weather and the rain that comes with it, it can cause poor drainage. There are many ways you can improve the drainage in your garden to maintain a green lawn once spring times comes around.

- Aerating or spiking the lawn by creating small holes to allow air, water and nutrients to reach grass roots to break down compacted soil.
- Adding organic material such as compost is a great soil additive to improve drainage as it absorbs moisture.

MAINTENANCE & CARE



Driveway cleaning

Cobblelock paving creates a great aesthetic for the driveway at the front entrance. The blocks used in the paving are laid in sand and a thin silica sand is then used to fill the narrow joints between blocks. This silica sand prevents the growth of weeds within joints and increases the stability of the individual blocks themselves to deter movement.

Here are some top tips for cleaning your driveway effectively:

1. Sweep away any sticks, rocks or leaves.
2. Create a mixed solution of brick cleaner and water and follow the mixing guidelines clearly.
3. Wet the ground before commencing cleaning.
4. Pour the mixed solution over the entire area being cleaned.
5. Brush the area vigorously with a scrub or grill brush.
6. Wait 20-25 minutes for the solution to die out.

Month that keys are received	Season	First Cut	Second Cut	Third Cut
January	Winter	Late Feb early March, weather depending	Two weeks following the first cut	Mow at fortnightly periods until the weather improves
February	Winter			
March	Spring	Mow when the weather is dry and warm		
April	Spring			
May	Spring			
June	Summer	Mow when the weather is dry and warm, increase the height of the cut if high temperatures	Mow weekly to encourage growth	Mow at increased height if temperatures are high Mow weekly to encourage growth
July	Summer			
August	Summer			
September	Autumn	Mow when weather is dry and warm	Final cut of year weather-dependent	Final cut of year weather-dependent
October	Autumn			
November	Autumn			
December	Winter	Late Feb early March, weather depending	Two weeks following the first cut	Mow at fortnightly periods until the weather improves

Month keys received	When to fertilise	When to plant trees
January - February	Spring and Autumn feed	November - March
March-August	Autumn feed, spring feed the following year	
September - December	Spring feed the following year	

MAINTENANCE & CARE

TREE CARE

Watering

It is not only dry, hot weather that causes trees to struggle for water. High winds will cause trees to dehydrate through the leaf surface. A low water table because of a season of low rainfall can cause new and established trees to struggle.

Trees require watering in their first year in the garden. They may require watering in subsequent years in times of drought.

Trees require a minimum of 50L of potable water per day. Do not use contaminated water.

Increasing the amount of water per tree and thoroughly soaking the ground allows you to space out the watering operations to every 2 or 3 days depending on weather conditions.

It is important to remember that dry soil 'caps' cause water to run off rather than percolate into the ground. Therefore, do not let the soil completely dry out or crack and cap.

Rainfall is not a substitute for watering in the first year.

Mulching

When establishing, a tree's greatest competitor for water and nutrients is grass. Maintain a circle at the base of the trunk; at least 1m in diameter free from vegetation. This area can be mulched to help the ground retain moisture and remain weed and grass-free. The ideal mulch is well-rotted manure or compost as it contains beneficial nutrients and bacteria.

Maintaining this 'clean' circle around the base of the tree also makes mowing easier.

Mowing around trees

Never strim around the base of a tree.

A tree with a bark wound greater than 1/3 of the total circumference will not survive. Strimmer damage to the bark will introduce disease into the tree and cause it to fail over a period of time. These wounds are also incredibly unsightly.

Tree pruning

Tree pruning should be undertaken by a professional because it can result in disease and fungal infection being introduced into the plant. However, please be advised that it is no longer considered best practice to 'top' trees anymore.

The height should be reduced by regular tipping out of the main leader.

Leaf fall

Leaves should be gathered up in the autumn and composted. Leaf buildup can result in surrounding plants and lawn being smothered. Leaf mulch is an excellent soil improver. However, please be aware that as organic material breaks down the process takes nitrogen from the soil. You only spread leaf mulch after the breakdown process is completed.

SUSTAINABILITY

A lightbulb moment

There are many simple ways to reduce lighting use and costs:

- The lighting installed in Glenveagh homes is low energy. When replacing light bulbs, it's important to purchase low-energy bulbs such as LED.
- Think about 'task lighting'. For example, when reading, the whole room doesn't need to be lit up – a book light or reading lamp can be a good solution.
- Switching off lights when moving around the house and not leaving lights on in unoccupied rooms can save energy and money.
- Keeping lights clean can make a huge difference to light levels.
- Sometimes natural light can be enough!

Think Green

- Purchase energy-efficient electrical products and appliances. Manufacturers and retailers are legally required to provide consumers with information about the energy efficiency of certain products which will help with decision-making.
- Turn off and plug out items when you are not using them.
- The Sustainable Energy Authority of Ireland, SEAI.ie, offers practical energy-saving tips.



Pre-Ducted For Car Charging

Electric vehicles

Your house is pre-ducted with a charging point that is situated at the front door or gable. For wiring to the house, you will need to ensure that it's connected to the charging port. Charging at home means greener driving and it is a huge advantage to have a charging point already pre-ducted at home as sales of electric vehicles continue to rise.

On the move

Your Glenveagh home is centrally located, with easy access to all essential amenities. Be they retail outlets, hospitals, or schools, everything is at a convenient distance. Getting to know the local transport links from walkways to buses to trains should also be a priority when moving into an area for the first time.

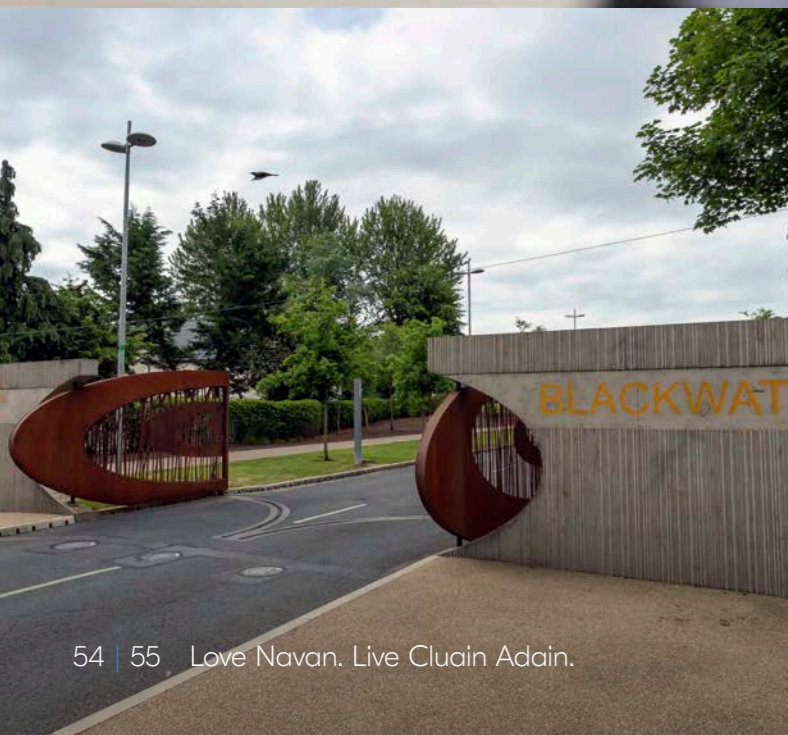
Biodiversity

At Glenveagh we are committed to protecting biodiversity. Within our developments, as well as providing open spaces for playing areas, you will also find areas that are dedicated to enhancing biodiversity. This includes areas where we allow the grass to grow long rather than mowing it on a regular basis. While sometimes, this can appear a little wild in comparison to the neat gardens we are used to, it has significant benefits for wildlife including pollinators, which are vital for all of us.



KNOW YOUR AREA

Get to know the best coffee spots, schools, gyms and more in your new Glenveagh community.



LOCATION

Connected living near Navan, County Meath.

Cluain Glasan is a superb new development of spacious homes located just off Clonmagaddan Road, a short stroll away from the historic and well-connected community of Navan, County Meath. Cluain Adain perfectly combines modern, stylish living in a location with a long-celebrated sense of community. Cluain Adain is located mere minutes from Navan Town Centre, a fantastic shopping destination that offers high-street fashion, accessories and other items at accessible prices. So you can indulge in some retail therapy, enjoy epic strolls around the grounds of the historic Slane Castle, or get your glad rags on for a day at Navan Racecourse. That's what makes Cluain Adain an exceptional place to live for anyone looking to put down roots.



TRANSPORT

Everything is within your reach

Cluain Adain's accessible location means that every amenity is within easy walking distance. Cluain Adain residents can enjoy the best of every world in this beautiful location, with excellent local amenities, great transport links and wonderful countryside on your doorstep. Cluain Adain is located in Navan, a popular commuter town known for its excellent amenities, historical importance and easy access to the M3.

Navan's excellent transport links offer a fast and frequent journey for those who wish to travel further afield. For commuters, Cluain Adain is located close to the M3, M3 Parkway Railway Station and just over thirty minutes from Connolly Hospital Blanchardstown.



Car Distances

M3	2 Mins
Hill Of Tara	12 Mins
Slane Castle	11 Mins
Dublin City Centre	45 Mins
Dublin Airport	40 Mins
Connolly Hospital Blanchardstown	37 Mins
M3 Parkway Railway Station	23 Mins



Nearby Bus Routes

109	Dublin → Dunshaughlin → Navan → Kells
134	Dorey's Forge → Dunsany → Navan
136	Ross Cross → Navan Shopping Centre

KNOW YOUR AREA



AMENITIES

Enjoy so many amenities within walking distance

For those who enjoy living life to the fullest, without a doubt, Cluain Adain is the place to be. As well as its proximity to Dublin and the hustle and bustle of a thriving town, Navan, Cluain Adain offers quick access to extensive amenities, from shopping and sports to social activities for all ages. For the energetic, excellent sports clubs are abundant such as Simonstown Gaels, Royal Tara Golf Club and Navan O'Mahony's GAA Club, all just a short drive from Cluain Adain.

EDUCATION

Learn and grow without bounds.

Navan, located in the heart of the Boyne Valley, is home to excellent options when it comes to education for kids of all ages. For younger members of the family, there's Giraffe Childcare Navan, Daoine Oga Childcare, Johnstown Childcare Centre and Kiddy Academy. Scoil Naomh Eoin, Gaelscoil Éanna, Flowerfield National School, St. Paul's Primary School and St Anne's Loreto are all situated close to Cluain Adain, while Loreto Secondary School and St Joseph's Mercy Secondary School are great options for the teens.

PRIMARY SCHOOL

Scoil Naomh Eoin

Clonmagadden Valley, Clonmagaddan, Navan, Co. Meath, C15 HK75
☎ (046) 907 5803
🌐 scoilnaomheoin.com

PRIMARY SCHOOL

Gaelscoil Éanna

Gaelscoil Eanna, Trim Rd, Limekilnhill, Navan, Co. Meath
☎ (046) 907 3961
🌐 gaelscoileanna.nead.ie/

PRIMARY SCHOOL

Flowerfield National School

Trim Rd, Dillonsland, Navan, Co. Meath
☎ (046) 902 1239
🌐 flowerfieldns.com

PRIMARY SCHOOL

St Anne's Loreto

Townparks, Navan, Co. Meath, C15 E208
☎ (046) 902 3039
🌐 stannesnavan.ie

PRIMARY SCHOOL

St. Paul's Primary School

Abbeyland, Navan, Co. Meath, C15 V067
☎ (046) 902 8754
🌐 stpaulsschool.ie

PRIMARY SCHOOL

St.Oliver Plunkett's NS

Blackcastle, Navan, Co. Meath
☎ (046) 902 3347
🌐 stoliverplunkettnsnavan.ie

SECONDARY

Beaufort College

Trim Rd, Limekilnhill, Navan, Co. Meath, C15 PY53
☎ (046) 902 8915
🌐 beaufortcollege.ie/

SECONDARY

St Joseph's Mercy

Convent of Mercy, Brews Hill, Townparks, Navan, Co. Meath, C15 HW32
☎ (046) 902 1830
🌐 mercynavan.ie/

SECONDARY

Loreto Secondary School

Saint Michael's, Athlumney, Navan, Co. Meath, C15 YF83
☎ (046) 902 3830
🌐 loretonavan.ie/

SECONDARY

St. Patrick's Classical School

Moatlands, Moathill, Navan, Co. Meath
☎ (046) 902 3772
🌐 stpatscs.com

KNOW YOUR AREA

HEALTHCARE

High quality healthcare at your doorstep.

Navan is home to many clinics and specialised medical practices that are well within the vicinity of Cluain Adain. So, if you're feeling slightly under the weather or there's a family emergency, it's reassuring to know that you'll be in good hands nearby.



Our Lady's Hospital Navan

Townparks, Navan, Co. Meath, C15 RK7Y
☎ (046) 907 8500



Navan Medical Practice

Unit 2, Oldtown Rd, Kilcarn, Navan, Co. Meath
☎ (046) 905 0608



Bedford Medical Centre

Convent Rd, Athlumney, Navan, Co. Meath, C15 PD0V
☎ (046) 902 1369



Abbey House Medical Centre

Abbey Rd, Abbeyland South, Navan, Co. Meath
☎ (046) 905 1500



Abbey Dental Care

Abbey Medical Centre, Abbey Rd, Abbeyland South, Navan, Co. Meath
☎ (046) 902 2889



KNOW YOUR AREA



ESSENTIALS

Live, thrive, and shop for your favorites.

The thriving hotspot of Navan has everything and more when it comes to shopping for life's essentials.

Navan Town Centre

Kennedy Rd, Abbeyland South, Navan, Co. Meath, C15 DDW2

☎ (046) 902 8489

Blackwater Retail Park

Kells Rd, Abbeyland South, Navan, Co. Meath C15 E5D2

An Post

Kennedy Rd, Abbeyland South, Navan, Co. Meath

☎ (046) 902 8383

Chemist Warehouse Navan

Unit 3, Blackwater Retail Park, Kells Rd, Abbeyland South, Navan, Co. Meath, C15 T971

☎ (046) 901 5721

Aldi

Brews Hill, Townparks, Navan, Co. Meath, C15 KF72

☎ 1800 991 828

Lidl

Trim Rd, Limekilnhill, Navan, Co. Meath

☎ (01) 920 3010

Tesco Superstore

Navan Shopping Centre, Abbeyland South, Navan, Co. Meath

☎ (0818) 553 580

Dunnes Stores

Trimgate St, Abbeyland South, Navan, Co. Meath, C15 RC65

☎ (046) 902 7090

Navan Flowers

Unit 4B, The Plaza, Tyrrelstown, Dublin

☎ (01) 827 2598

Woodie's Blanchardstown

38 Trimgate St, Townparks, Navan, Co. Meath, C15 ERPI

☎ (046) 902 8970

Peter Mark Hairdressers Navan

Navan Shopping Centre, Kennedy Rd, Navan, Co. Meath

☎ (046) 902 8898

TJ O'Mahony Builders Providers, Hardware & DIY Superstore

Commons Rd, Duffsland, Navan, Co. Meath

☎ (046) 902 8851

Navan Car Sales

Circular Rd, Townparks, Navan, Co. Meath

☎ (046) 907 4333

Sean McGrane Butchers

2 New Cornmarket, Townparks, Navan, Co. Meath, C15 T6W2

☎ (046) 902 9136

The Zip Yard Navan

3 Trimgate St, Townparks, Navan, Co. Meath, C15 E659

☎ (046) 904 8888

Tara Cleaners

Trimgate St, Townparks, Navan, Co. Meath

☎ 087 714 4411

SOCIAL

Treat yourself to a symphony of flavours.

Whatever you're in the mood for - from an appetising gourmet meal, to a fancy frothy coffee or a comforting cuppa, Cluain Adain is close to any number of restaurants and eateries that will satisfy every taste and occasion.



The Solstice Café

Solstice Arts Centre, Railway St,
Dillonsland, Navan, Co. Meath
☎ (046) 909 2300



Mug & Bean Navan

3 Brews Hill, Townparks, Navan,
Co. Meath, C15 C983
☎ 087 7867776



LEON'S

22 Market Square, Townparks, Navan,
Co. Meath, C15 XF40
☎ (046) 908 6343
🌐 leons.ie



LUVIDA Restaurant

15, 16 Ludlow St, Dillonsland, Navan,
Co. Meath, C15 KF29
☎ (046) 906 0641
🌐 luvida.ie



Room8

8 Watergate St, Abbeyland South, Navan, Co.
Meath, C15 P820
☎ (046) 902 7663
🌐 roomeight.ie/



Fifty50 Navan

Kennedy Rd, Abbeyland South, Navan,
Co. Meath, C15 HN4C
☎ (046) 909 1950
🌐 fifty50.ie/reserve-a-table-navan/



Zucchini's Restaurant

Blackcastle Shopping Centre, Church View, 18-20,
Blackcastle, Navan, Co. Meath, C15 YRT9
☎ (046) 906 0459
🌐 zucchinisnavan.ie/



Forte's Valley Cafe

43 Watergate Street, Navan, County Meath
☎ (046) 902 1322
🌐 valleycafe.ie

LIVE FOR BEING ACTIVE

A hotspot for any fitness enthusiast.

Navan's impressive range of sports clubs and recreational facilities is guaranteed to leave any fitness enthusiast spoilt for choice.



Navan Rugby Football Club

Dublin Rd, Balreask Old, Navan, Co. Meath,
C15 EK63
☎ (046) 902 1495



Navan O'Mahonys GAA Club

Brews Hill, Townparks, Navan, Co. Meath
☎ (046) 902 1966



Navan Tennis Club

Swan Ln, Balreask Old, Navan, Co. Meath,
C15 YK82
☎ 086 3008175



Claremont Stadium

Claremont Stadium, Commons Rd,
Balreask Old, Navan, Co. Meath, C15 TX9T
☎ (046) 902 9693
🌐 claremontstadium.ie/



Simonstown Gaels

Proudstown Rd, Batterstown, Navan,
Co. Meath
☎ (046) 902 2494
🌐 simonstowngfc.com



Navan Town Cosmos FC

Williamstown Or Bawn, Navan, Co. Meath
☎ 086 249 0953



OUR COMMUNITY

At Glenveagh, we believe in giving back. We enhance the lives of our customers and the environment that surrounds them as part of our Building Lasting Communities Promise. That's why we have invested extensively in significant causes that align with our mission and values. Here are some of the initiatives we are currently involved in:



Education

We invest in education in our communities in a variety of ways, partnering with local schools to understand their needs and build lasting relationships that benefit children and young people. As well as working with primary and secondary schools around their biodiversity needs, we offer work placements to second and third level students, providing mentorship and valuable work experience.



Charity

Our main charity partners are ALONE and Jack and Jill Foundation. ALONE caters to the elderly, providing them with a much needed support system. The Jack and Jill Foundation renders in-home nursing care for sick children, and respite support for their families.



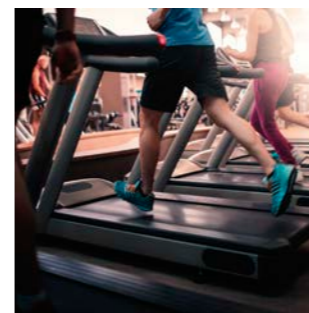
Sustainability

We work closely with our partners to create developments that promote biodiversity. As a part of this, we ensure that there is active community engagement, and that our ecosystems are well-maintained.



Health and Wellbeing

We support health and wellbeing initiatives that are central to our wider community programmes. Throughout the country, we have worked with a range of outreach programmes at a local level to help promote wellness within our communities and protect the most vulnerable in our society. Providing this relief, for both mental and physical health initiatives, is a core part of our development plans.



Sports and Fitness

Glenveagh's ethos is based on building holistic communities where people enjoy playing, working and living. Hence, we believe it is vital for us to aid local sports and fitness initiatives. We are proud to sponsor local teams across local communities. Glenveagh also provides recreational areas, green spaces, playgrounds and cycle tracks for residents, to charitable supports that make a difference in our wider communities.



Local economy

In association with both local authorities and Chambers of Commerce, we make it a point to engage with local businesses to take on-board all aspects of infrastructure provision and social needs. In line with this, we regularly sponsor local events that foster a rich community spirit.



Discover our full range of
developments at:

[glenveagh.ie](https://www.glenveagh.ie)

