



kirk  
natural stone  
developments



# Natural Stone Timber Frame Homes

Innovative, Sustainable Timber  
Frame Homes in Natural Stone





## KIRK NATURAL STONE DEVELOPMENTS

**Kirk Natural Stone Developments have the expertise to supply and build timber frame homes faced throughout in a wide range of natural stone types.**

Whichever part of the country you are located in, we have a natural stone facing material to enhance your home, along with all the benefits of timber frame construction.

Natural granite and sandstone in either random or dressed form, in a variety of colours and textures ensures that we have a material suitable for any built location, urban or rural.



## SUSTAINABILITY

**The central principle of sustainability is to create desirable, long lasting places where people will want to live.**

Recent research has shown that natural building stone is the most sustainable building material available, with the lowest embodied carbon content of any common construction material type.

Well designed homes faced with natural stone are timeless, long lasting and highly cost effective on a whole life cycle basis, both financially and environmentally, and the historical evidence of building in stone proves this.

### Embodied Carbon of common construction materials

Material	Embodied Carbon - kgCO2/tonne
Granite	64
Sandstone	94
Concrete (high strength)	209
Bricks	220
Slate	259
Timber	450
General Building Cement	830
Steel	1710

Source: Heriot Watt University

## BENEFITS OF TOTAL CONSTRUCTION IN NATURAL STONE

Total construction in natural stone is often perceived as cost prohibitive, however our natural stone home packages including all the construction materials required to build your home above ground level start from only £500/sq.m (excluding building costs).

Key advantages of facing your new home totally in natural stone include:

- **High quality appearance**
- **Weathers very well**
- **Resistant to the elements**
- **Very low maintenance**
- **Lasts for 100's of years**
- **Timeless design solution**
- **Enhanced property value**



Dressed Stone for Urban Builds



Rustic Stone for Rural Buildings

Our natural stone timber frame homes are beautifully detailed, and will keep their appearance and outlast homes faced with any other material, in some cases by an order of magnitude. The standard packages we supply include all timber materials, natural building stone, and natural roofing slate, with options to customise further to your personal requirement.

## CONSTRUCTION IN NATURAL STONE

**The construction of a natural stone façade for your new home is simple and with timber frame can be easily accommodated within the build programme.**



*Long Lasting: Natural Granite Houses,  
Rubislaw Terrace, Aberdeen c.1880*

A timber frame substructure means that the building can be wind and watertight and ready for facing with stone within 2-3 weeks of starting on site.

100mm thick dressed natural stone masonry can be tied back to the timber frame of the kit using metal ties, just like brick or blockwork. For projects where random stone is being used we supply as part of the package the revolutionary Surecav system, to ensure that a moisture free cavity is maintained behind the stonework.

All types of stonework can be supplied with standard timber frame packages or upgraded to Supawall Deluxe specification for unequalled levels of thermal performance, air tightness and reduced long term heating costs.



Surecav System

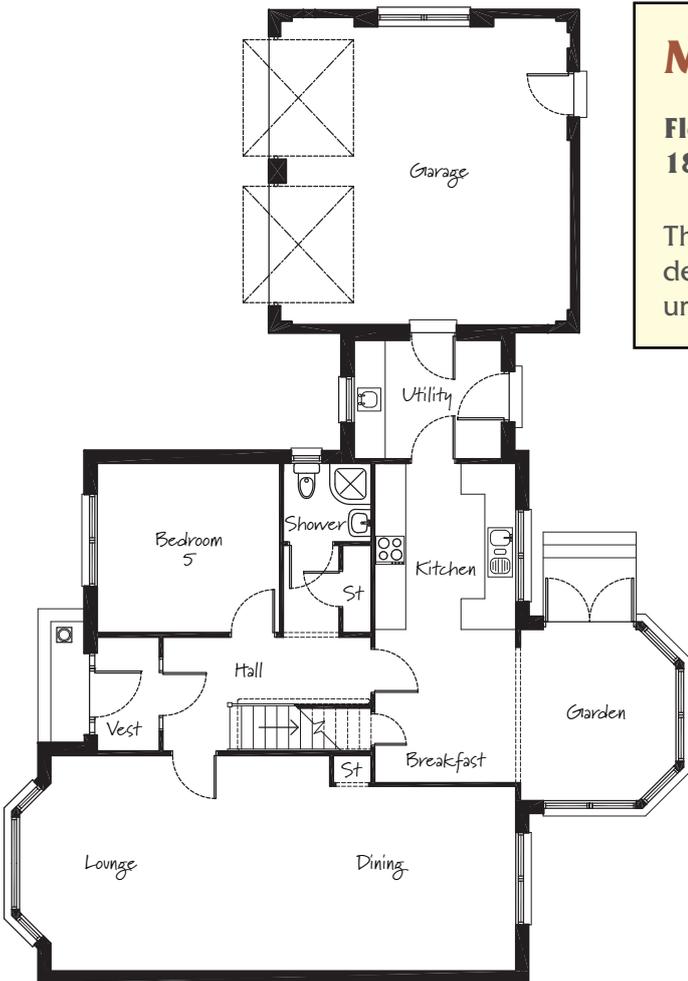


MAPLE- Shown in random Balmoral Grey granite

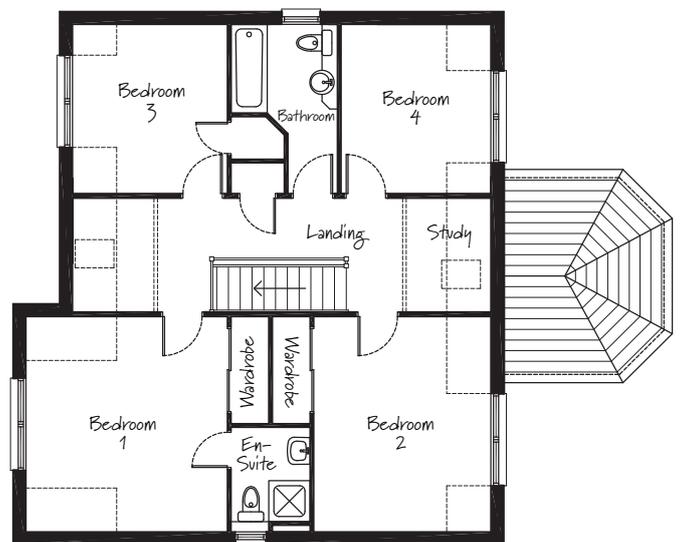
## MAPLE - 5 bedrooms

<b>Floor Area (Ex. Garage)</b>	<b>Frontage</b>	<b>Ridge Height</b>
<b>186.29sq.m</b>	<b>19.1m</b>	<b>8.5m</b>

The Maple is a spacious 1 $\frac{3}{4}$  storey traditional design which is equally appropriate for both urban and rural locations.



Maple - Ground Floor



Maple - First Floor

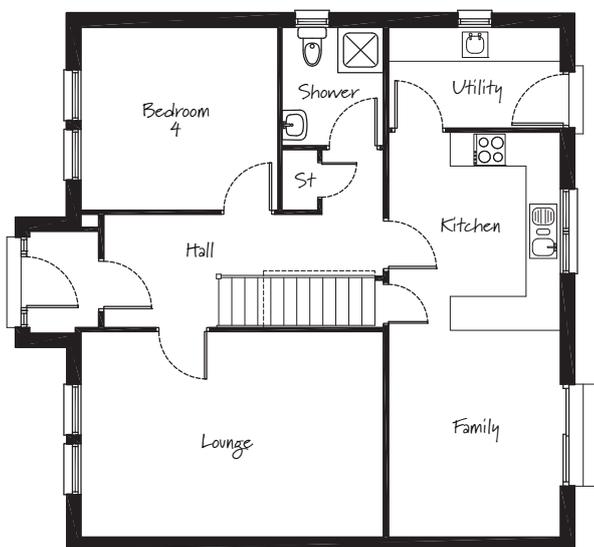


HAWTHORN- Shown in dressed Balmoral Grey granite

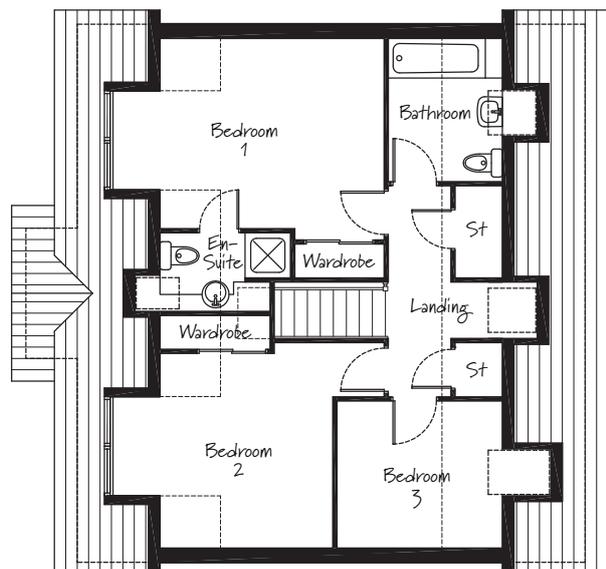
## HAWTHORN - 4 bedrooms

Floor Area	Frontage	Ridge Height
137.79sq.m	9.60m	7.5m

The Hawthorn is a very practical and well laid out 4 bedroom 1½ storey design which can fit in equally well as country cottage or urban house.



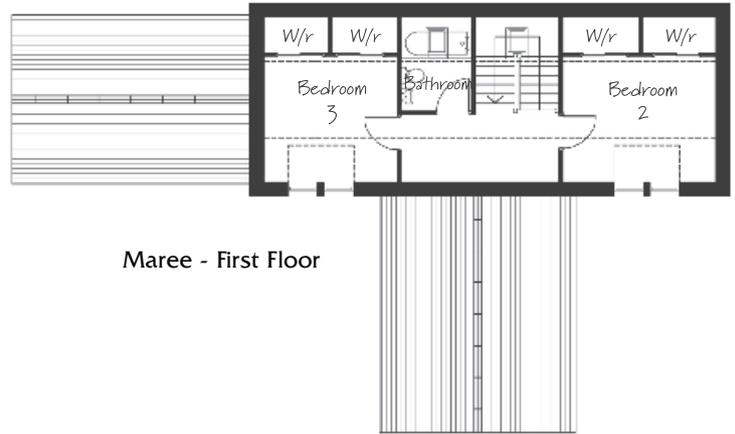
Hawthorn - Ground Floor



Hawthorn - First Floor



Maree - Ground Floor



Maree - First Floor

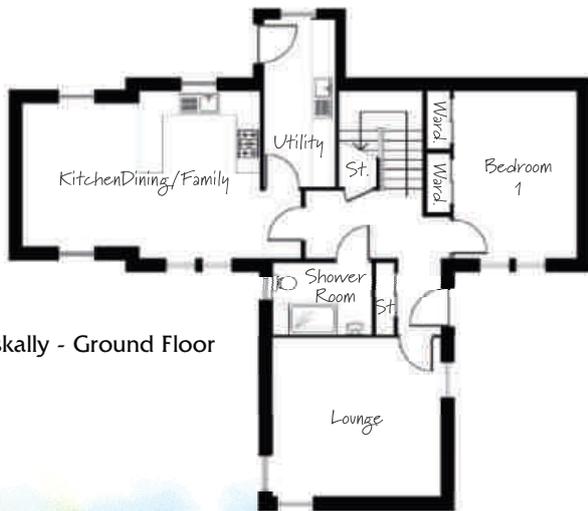


Maree - With Glazed Option

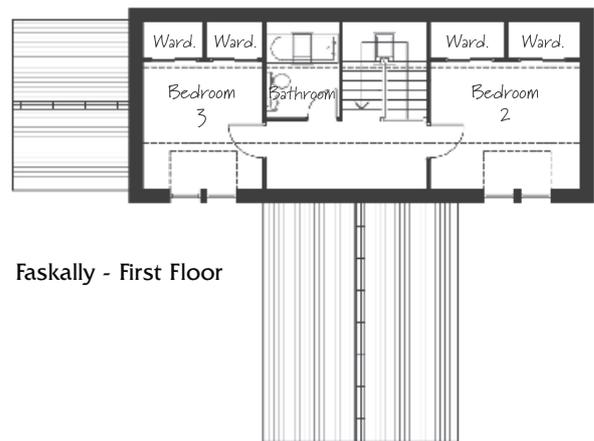
### MAREE- 4 bedrooms

Floor Area	Frontage	Ridge Height
144.72sq.m	18.0m	7.2m

The Maree is a 4 bedroom design partly 1<sup>3</sup>/<sub>4</sub> storey with an option for a glazed gable and vaulted ceiling to the lounge



Faskally - Ground Floor



Faskally - First Floor



Faskally - With Glazed Option

### FASKALLY- 3 bedrooms

Floor Area	Frontage	Ridge Height
129.96sq.m	14.4.0m	7.2m

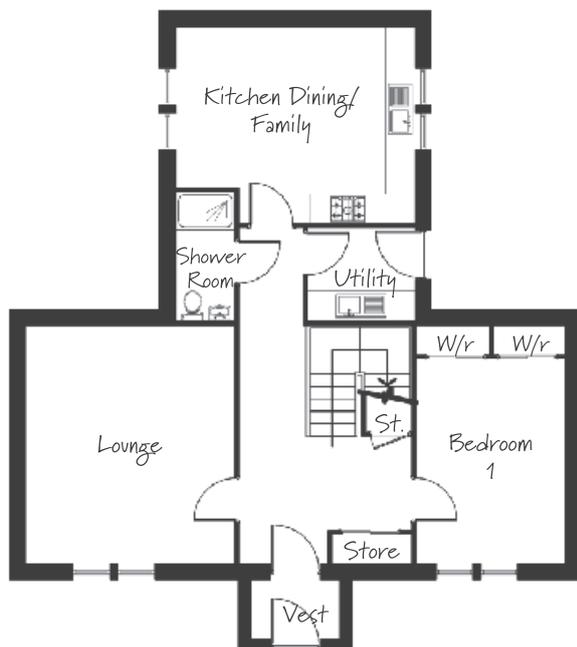
The Faskally is a 3 bedroom design partly 1<sup>3</sup>/<sub>4</sub> storey with an option for a glazed gable and vaulted ceiling to the lounge, ideally suited to narrower sites.



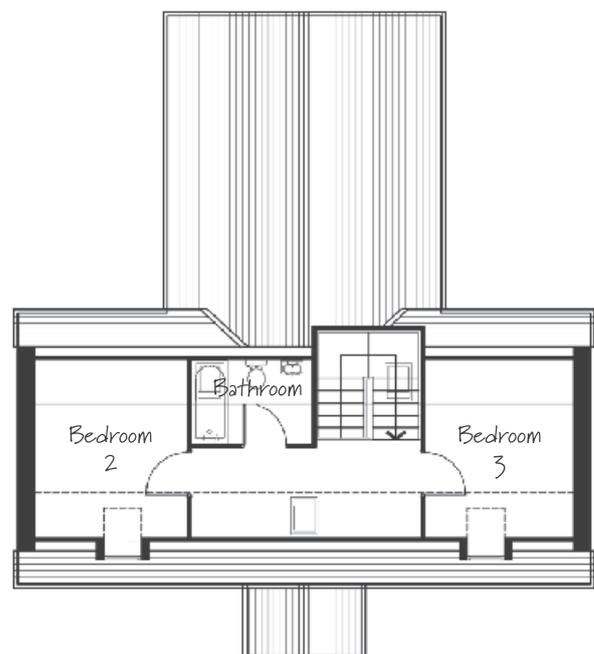
## CORVISK - 3 bedrooms

Floor Area	Frontage	Ridge Height
122.66sq.m	11.4m	6.7m

The Corvisk is a 3 bedroom 1½ storey cottage design very similar to the traditional cottages found in both rural and urban areas throughout the UK.



Corvisk - Ground Floor



Corvisk - First Floor



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## **MAKE YOUR HOME NATURAL STONE**

A new home in natural stone will give you immense satisfaction for what is probably your largest ever purchase.

Kirk Natural Stone Developments are passionate about the many advantages of total construction in natural stone, and can help you create a beautiful new home which will stand the test of time, require very little maintenance and hold its appearance and value better than anything else in the market.

### **KIRK NATURAL STONE DEVELOPMENTS LTD**

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