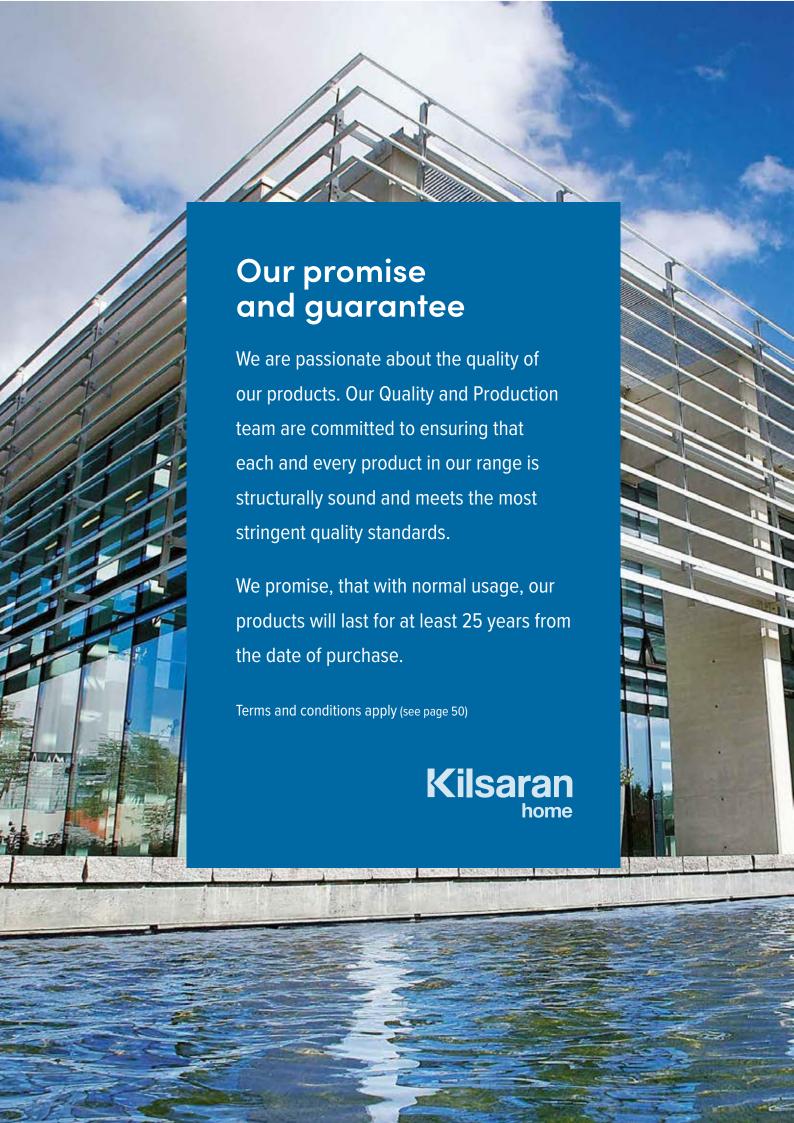


Paving & Walling Guide









## **Contents**

Newgrange Setts & Cobbles

Mellifont Setts

Lismore Setts

Lismore Circles

Cambridge Circles

30

32

33

34

35

Introduction		Walling	
State-of-the-art Facilities	02	Connemara Walling	36
Sustainability & the Environment	03	Connemara Capping	38
Eco Product Range	03	Kerbs & Edgings	
Design Clinic	04	Kerb Sett	39
Community & Social Responsibility	06	Kerb Block Lismore Kerb Stone	40 41
Kilsaran at Bloom & Supergarden	07	Mellifont Kerb Stone	42
Flag Paving		Accessories	
Shelbourne Flags	08	Gravel Stabiliser	43
Newgrange Flags	10	Recessed Manhole Cover	43
Belvedere Flags	12		
Pembroke Flags	14	Decorative Stone	
Tactile Flags	15	Decorative Stone	44
Cashel Flags	16		
Oakstone & Stepstone	18	Installation & Product Care	47
Classic Flags	19	Laying Flag & Block Paving	47
		Sands, Sealers & Product Care	48-49
Block Paving		Disclaimers	50
Mellifont Blocks	20		
Newgrange Blocks	22	Technical Data	51
Corrib Blocks	24	Kilsaran Home Showroom Gardens	51
Lismore Blocks	26	Kilsaran Locations	52
Inish Blocks	27		
Slane Blocks	28		
Cobbles, Setts & Circles			1



# State-of-the-art-facilities



Kilsaran's manufacturing plant in Dunboyne, County Meath is one of the most modern of its kind anywhere in the world. But we're not resting on our laurels. We have a purpose-built high-tech lab for quality testing and assurance.

Quality is paramount to us. We are so confident of the quality of our products that we provide a 25 year guarantee on your purchases, subject to normal usage.

# QUALITY SYSTEMS AND CERTIFICATION

INAB ISO 17025 (UKAS equivalent). A separate R&D facility ensures continuing expansion of our product range. "Ideas taking shape" isn't just our motto – it's our passion.

We are also committed to innovation in sustainability issues and now offer a range of eco-products.





### Sustainable development plays a central role in all that we do.

We are fully committed to compliance with all relevant legislation, prevention of pollution and continuous improvement in all areas of environmental management in all of our operations and activities.

We have implemented Environment and Planning Management Systems (EMS) into our day-to-day operations and employ professionals in Environment and Planning to help us lead the way in environmental management.

Our goal is to minimise the environmental impact of our business and, where possible, provide environmental benefits to all our stakeholders by recycling, reusing and creating new innovative systems, products and sales routes.

We are committed to working towards the management guidelines as set out in accordance with ISO 9001, ISO 14001 and ISO 50001 to provide the best working environment for our employees and local communities. We aim to fulfill these requirements while still continuing to meet the requirements of our stakeholders.











# Eco Product Range

'Major investment in our manufacturing facilities has allowed Kilsaran to develop one of the leading manufacturing plants in Europe and supports our policy on sustainability.'

This means we are now able to offer a range of eco-products that will benefit the whole industry.

All products in our Eco Paving ranges contain 100% recycled water, locally sourced materials, a minimum of 25% non-primary aggregates, up to 10% pre-consumer aggregate replacement and 50% cement replaced with a carbon neutral cement replacement. We have one of the largest ranges of Eco products within the industry.



### **CARBON FOOTPRINT**

When evaluating the carbon footprint of our paving products, our technical team can provide project specific information and calculated carbon footprint.

Contact our team if you require further guidance on info@kilsaran.ie







FOR ALL OUR LATEST NEWS & OFFERS LOG ON TO kilsaran.ie or kilsaraninternational.co.uk

# Design Clinic

With an extensive choice of textures, colours and shapes to choose from it's hardly surprising that you might find it more than a little daunting to bring the vision of your garden or patio to life.

A well designed space will not only give you years of satisfaction but also add value to your home.

The good news is that we have a team of qualified, creative and inspired designers who would love to help your ideas take shape.









FOR ALL OUR LATEST NEWS & OFFERS LOG ON TO kilsaran.ie or kilsaraninternational.co.uk



Before



After

### **BESPOKE DESIGN SERVICE**

Do you need more indepth design advice for your garden? If you have a larger garden or more difficult space you might benefit from an onsite visit from one of Kilsaran's expert garden designers. Over the course of a 90 minute consultation at your home, our expert designer will discuss your vision, take measurements and make suggestions. Within 10 working days of the site visit you will receive digitised two-dimensional and 3D drawings, a bill of quantities and priced quotation.

Fees apply for the service and a quotation will be provided on request.

# Come chat with us! Our in-house Head Designer Mark

# Our in-house Head Designer Mark Harewood graduated from the University of Ulster with a HND in Architectural Technology in 1992. Before joining Kilsaran in 2011 Mark worked for several large architectural practices in the UK producing traditional architectural presentation and construction drawings before specialising in 3D Architectural visualisations and graphics.



### FREE DESIGN DAYS

Let the Kilsaran Team create a design for you that will transform your garden into an outdoor living space. Over the course of the year we will run a number of free landscape design days that will allow you to pre-book a 30 minute design slot with one of our garden designers who will advise you on layout, planting, materials and installation of your new garden.

For more details and a full list of dates for these design days check www.kilsaran.ie/free-design-days







# Community & Social Responsibility

In 2015 Our Dry Products Business & Product
Development Manager, Ken Mulkerrins, was
diagnosed with having end stage heart failure, he
was admitted to hospital where he was told his only
option for treatment was a heart transplant. This was
an extremely difficult time for Ken, his wife and two
young children, who got to see their daddy for about
1 hour a week. He was called seven times about
a potential donor heart – and finally, on the eight
occasion there was a match and Ken underwent
surgery in the Mater Hospital.

Recovering from heart surgery is a slow process which Ken dealt with by focusing on one goal at a time. First up was to get back walking, then returning to work in Kilsaran. After returning to work Ken took up running, and soon turned his attention to adventure racing following encouragement from his work colleagues. It was at this time that Ken saw his opportunity to raise some funds for the Irish Heart & Lung Transplant Association. Ken entered the Quest Glendalough adventure race and started a charity funding page. Ken and a number of his Kilsaran colleagues took part in the race, and Ken raised over €1600 for the charity which Kilsaran matched meaning a total of over €3200 raised!





"Having experienced what I have, I would encourage everyone to consider organ donation and #havethechat with your loved ones to let them know your wishes. I'd also say, challenge yourself, you'll be surprised what you're capable of."

Ken went on to complete Quest Achill and Killarney as well as numerous other adventure races around the country. Ken commented that "An added benefit to taking part in these events, was that it gave me a chance to raise awareness of organ donation and how important it is to 'have the chat'. We raised more than €3200 for the Irish Heart and Lung Transplant Association. I can't explain what a difference has been made to my life by this charity and the staff of the Mater Hospital. Having experienced what I have I would encourage everyone to consider organ donation and #havethechat with your loved ones to let them know your wishes. I'd also say, challenge yourself, you'll be surprised what you're capable of."

# Kilsaran at Bloom & Super Garden



### Darren Joyce wins RTE's Super Garden with his Lock Keepers View Garden.

Landscape Designer Darren Joyce won Super Garden 2018 with his Lock Keeper's View Garden for the Nassiris in Stepaside. The garden which took nearly four months to create features a vast array of Kilsaran paving and walling products. The garden has a Mediterranean feel with a French lock-keepers gate design that is striking, ambitious and immediately grabbed the judges attention.



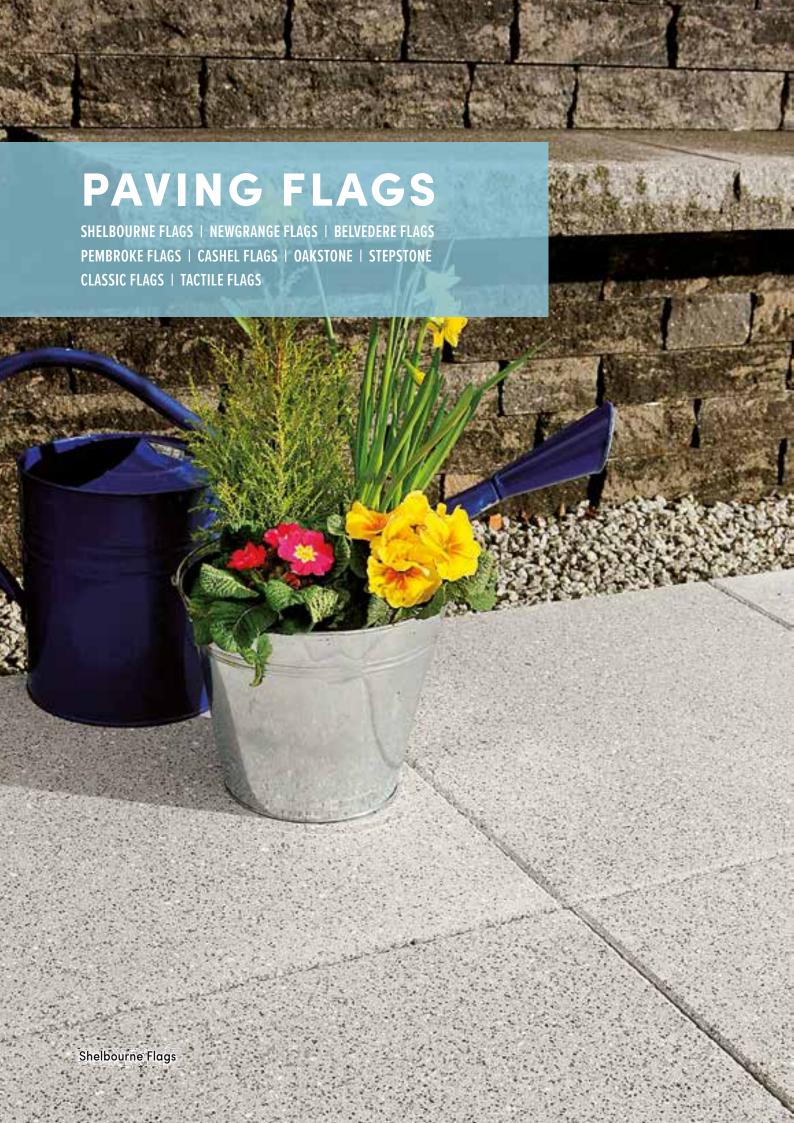






The pathways and patio areas were created using Cambridge Ivory flag paving with Tara Kerbing and Decorative Stone.
Our Connemara Walling was used to create raised beds for planting and the wing walls for the lock gate focal point. Our Oakstone in weathered grey defined the canal area in the garden

Darren succeeded in creating a spectacular garden that has a wow factor in the lock gate but also has a calm and relaxing feel to it as per his clients brief. The garden was very well received at Bloom in the Phoenix Park and fulfilled a lifelong dream of Darren's to be an award winning garden designer.





# Shelbourne Flags

The ground surface of Shelbourne gives this range a sophisticated feel and eye-catching look. A choice of colours and sizes means that the Shelbourne range can work in any landscape design.







Black Granite



**Buff Granite** 



Use textured products as borders or walling to highlight the smooth surface of Shelbourne.





PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
	400 x 400 x 40	Silver Granite, Black Granite, Buff Granite	6.25	13.44	84	14	1215
Shelbourne	400 x 400 x 50	Silver Granite	6.25	11.52	72	12	1215
Flags (Cround)	450 x 450 x 50	Silver Granite	4.94	11.34	56	14	1232
(Ground)	600 x 300 x 50	Silver Granite, Black Granite	5.55	11.88	66	11	1300
	600 x 400 x 50	Silver Granite	4.16	11.52	48	12	1215
	600 x 600 x 50	Silver Granite	2.77	10.8	30	15	1180

# Newgrange Flags

With a subtle textured finish and a choice of colours and sizes the Newgrange flagstone range is a favourite for those looking to create an inspired look with an elegant and contemporary feel.



You must use Kilsaran Silver Granite Jointing Sand with our Silver Granite Products.











Silver Granite

Black Granite

**Buff Granite** 

PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
	400 x 400 x 40	Silver Granite, Black Granite, Buff Granite	6.25	13.44	84	14	1215
Newgrange	400 x 400 x 50	Silver Granite	6.25	11.52	72	12	1215
<b>Flags</b> (Shotblasted)	450 x 450 x 50	Silver Granite	4.94	11.34	56	14	1232
(Silothiasten)	600 x 300 x 50	Silver Granite, Black Granite, Buff Granite	5.55	11.88	66	11	1300
	600 x 400 x 50	Silver Granite, Black Granite	4.16	11.52	48	12	1215
	600 x 600 x 50	Silver Granite, Black Granite	2.77	10.8	30	15	1180





# Belvedere Flags

With a riven surface and irregular edges, the Belvedere range is full of old world charm. Coming in a pack of four distinct sizes, the range perfectly recreates the feel of an old abbey, cathedral or courtyard.





Silver Granite

Black Granite





Slate

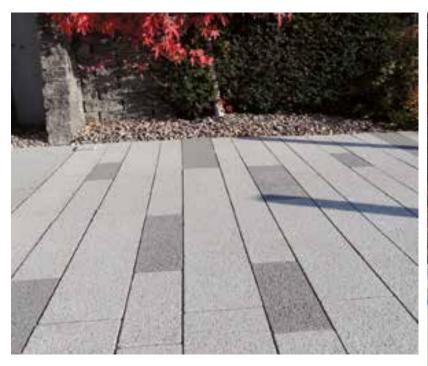
Curragh Gold



PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	Pcs per Layer	No. Layers	Approx Bale Weight (kg)
Belvedere	(4 size-mix only) 200 x 200 x 60	Slate, Curragh Gold	n/a	9.6	70	n/a	10	1270
<b>Belvedere</b> (Curled)	400 x 200 x 60 400 x 400 x 60 600 x 400 x 60	Silver Granite, Black Granite	n/a	9.6	70	n/a	10	1270

# Pembroke Flags

Distinctive rectangular paving flags. Available in 3 surface finishes, including textured, ground and standard smooth give the Pembroke range a sophisticated and eye-catching look. The Pembroke range is suited to pedestrian and light traffic driveway use with appropriate sub-base in place.









Silver Granite

Black Granite

PRODUCT Range	Dimensions (mm)	Colours	Pcs per m²	m² per Bale	Pcs per Bale	Pcs per Layer	No. Layers	Approx Bale Weight (kg)
Pembroke (Standard Smooth / Textured)	600 x200 x 80	Silver Granite, Black Granite	n/a	6.72	56	n/a	7	1190

# Tactile Flags

Tactile Paving is used to assist and guide the visually impaired in various situations including pedestrian crossings and around hazards and obstructions.

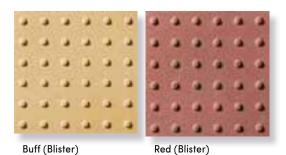


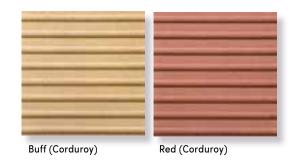
### 1. Blister Profile Tactile Paving

Provides a warning to visually impaired people who would otherwise, in the absence of a kerb upstand <25mm high, find it difficult to differentiate where the footway ends and the carriageway begins. The most extensively used tactile at almost all pedestrian crossings in urban and residential situations.

### 2. Corduroy Hazard Warning Tactile Paving

Provides a warning to visually impaired people of the presence of specific hazards, eg steps, level crossings or the approach to on street light rapid transit platforms. The most common use for the Corduroy Hazard Warning unit is at the top and bottom of steps. Usually Laid in buff yellow colour.





PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Blister	400 x 400 x 50	Buff, Red	6.25	11.52	72	12	1215
Corduroy	400 x 400 x 50	Buff, Red	6.25	11.52	72	12	1215

# Cashel Flags

Perfect for patios. Cashel paving flags have a surface effect that replicates the rustic appeal of natural stone.













PRODUCT Range	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Cashel	400 x 400 x 40	Charcoal, Gold, Natural	6.25	13.44	84	14	1215



# Oakstone

Create your own magical garden with pathways giving both your feet and eyes a way to wander. Oakstone and Stepstone ranges are available in a number of designs and colours and are perfect for paths, patio's, edging, a raised bed or scattered casually around the garden.







Brown





PRODUCT Range	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
0akstone	800 x 220 x 50	Weathered Grey, Brown	n/a	5.68	n/a	n/a	n/a

# Stepstone & Vintage Stepstone





PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Stepstone	600 diameter	lvory	6.25	13.44	84	14	1215
Vintage Stones	500 x 400 x 40	lvory	6.25	11.52	72	12	1215

# Classic Flags

The original patio paving flags are as popular today as they have always been. Easy to install with a large selection of colours and sizes makes this range a perennial favourite.







Natural



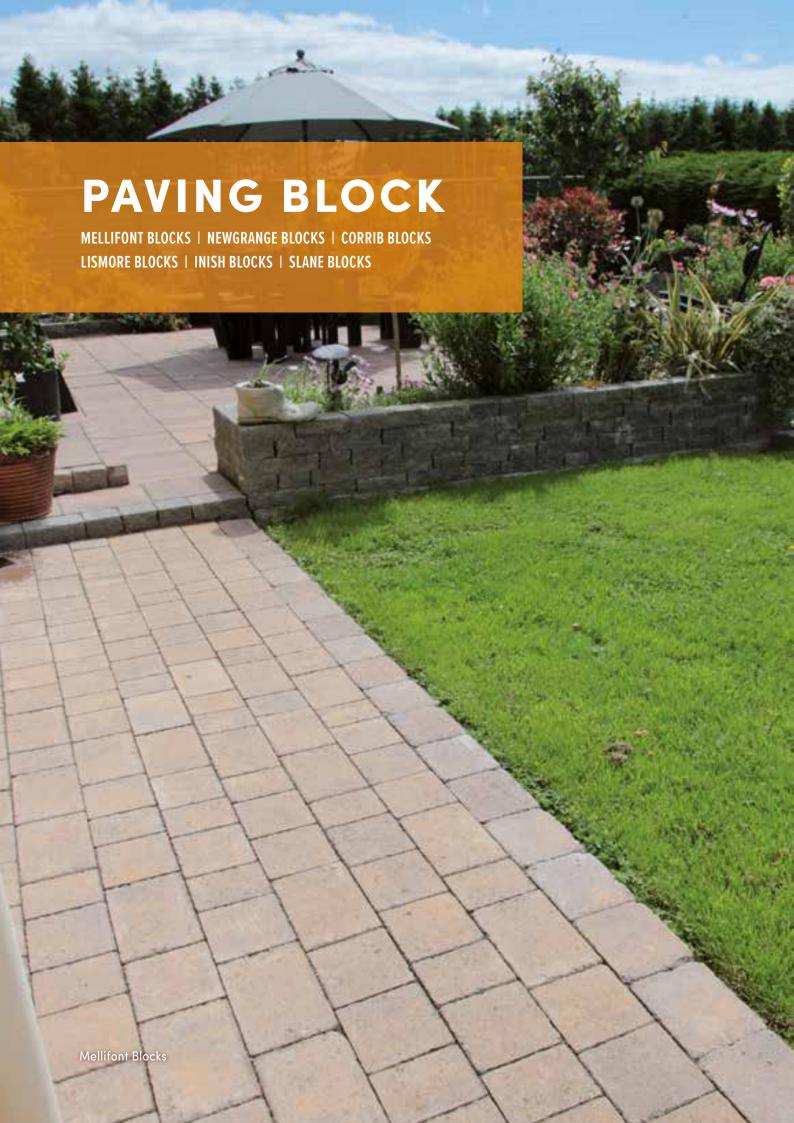
Charcoal







PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Classic Flams	400 x 400 x 40	Natural, Charcoal, Buff, Curragh Gold, Rustic	6.25	13.44	84	14	1215
Classic Flags (Smooth)	400 x 400 x 50	Natural	6.25	11.52	72	12	1215
(211100111)	600 x 600 x 50	Natural	2.77	10.8	30	15	1180



# Mellifont Blocks

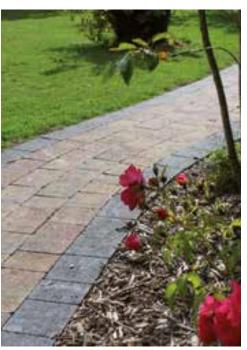
With its edges and surface gently worn, the Mellifont range is ideal when creating a rustic or worn look. Coming in a choice of colours, paving blocks are available in a three size mix whilst setts come in a six-size mix.

### Just to note...

Our Mellifont Kerb Stone comes in a matching selection of colours and complements the range perfectly.

















Natural

Charcoal

Slate

Curragh Gold

Rustic

PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m²	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Mellifont 3 Size Mix	3 Size x 50	Rustic, Charcoal, Slate	35	11.52	420	12	1200
(Antiqued)	3 Size x 60	Curragh Gold, Natural	35	9.6	350	10	1205



# Newgrange Blocks

The subtle granite textured surface of the Newgrange range combined with inspiring colours make it stand out from the crowd. These blocks are available in a three size mix with a choice of depths. The range also includes setts and circles.









Silver Granite

Black Granite

### **Jointing Sand**

You must use Kilsaran Silver Granite Jointing Sand with our Silver Granite Products.

PRODUCT Range	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Newgrange 3 Size Mix	3 Size x 50	Silver Cranite Plack Cranite	35	11.52	420	12	1200
(Shotblast)	3 Size x 60	Silver Granite, Black Granite	35	9.6	350	10	1205







# Corrib Blocks

The smooth surface finish and subtle bevelled edge of the Corrib range makes it an ideal choice for driveway paving.

With a large colour palette to choose from there is sure to be a perfect match for your home. This product is also available shot blasted in Silver and Black Granite.







PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per <b>B</b> ale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
<b>Corrib 50mm</b> (Standard)	210 x 170 x 50	Rustic	28	11	308	11	1250
Corrib 50mm (Shot-Blast)	210 x 170 x 50	Silver Granite, Black Granite	28	11	308	11	1250
Corrib 60mm (Standard)	210 x 170 x 60	Rustic, Curragh Gold, Charcoal	28	9	252	9	1220
Corrib 60mm (Shot-Blast)	210 x 170 x 60	Silver Granite, Black Granite	28	9	252	9	1220

# Lismore Blocks

A contemporary range coming in a large selection of colours and sizes, Lismore is a popular choice. Sharp lines and a smooth surface finish make it a stylish addition to any design concept.

### Just to note...

Our Lismore Kerb Stone comes in a matching selection of colours and complements the range perfectly.

















Natural

Charcoal

Curragh Gold

Slate

PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Lismore 3 Size Mix	3 Size x 50	Natural, Charcoal, Curragh Gold Rustic, Slate	35	11.52	420	12	1200
	3 Size x 60		35	9.6	350	10	1205

# Inish Blocks

Inish is a landscape designer's dream. Wonderfully versatile, it is used not only in patios, paths and driveways in a variety of laying patterns but also as edging and borders. Inish is available in a standard or tumbled finish. They can be laid as risers for steps on the straight edge or the round edge.



















Charcoal

Curragh Gold

Rustic

Charcoal (Aged)

Curragh Gold (Aged)

Rustic (Aged)

PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
<b>Inish</b> (Standard)	200 x 50 x 60	Charcoal, Curragh Gold, Rustic	100	9	900	10	1060
Inish (Aged*)	200 x 50 x 60		100	9	900	10	1060

<sup>\*</sup>Aged supplied in Bulk Bags

# Slane Blocks

A design classic, Slane will never go out of fashion. Its popularity lies in its ease of installation, large choice of colours and in its shape, which allows different patterns to be created. It is these patterns that provide interlocking strength, making Slane ideal for driveways.



Slane is perfect as a border so why not mix and match with our other ranges to create a unique look for your driveway or patio.















Natural

Charcoal

Curragh Gold

Rustic

Brindle

PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Slane	200 x 100 x 50	Natural, Charcoal, Rustic, Brindle	50	9.6	480	12	1020
	200 x 100 x 60	Natural, Charcoal, Rustic, Curragh Gold, Red	50	9.6	480	12	1060



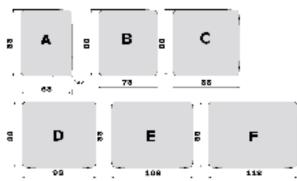




Newgrange Setts & Cobbles \_\_

Lightly textured premium granite finish sett and cobble paving. Available in three colour finishes. Suitable for use on patios, pathways and domestic driveways.

Setts come in six-size mixed bales.













Silver Granite

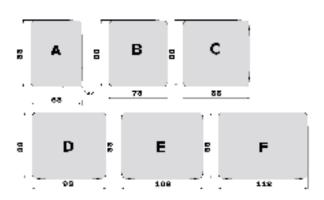
Black Granite

**Buff Granite** 

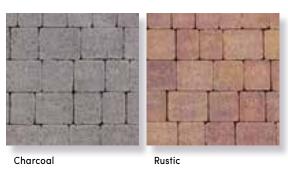
PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m²	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Newgrange 60mm Setts	6 size x 60	Silver Granite, Black Granite	108	9.24	1140	11	1175
Cobbles	100 x 100 x 60	Silver Granite, Black Granite, Buff Granite	100	8	800	10	1020

# Mellifont Setts

Weathered and rustic looking premium sett paving. Available in two colour finishes. Suitable for use on patios, pathways and domestic driveways. Setts come in six-size mixed bales.





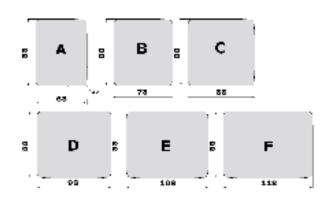


PRODUCT Range	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Mellifont 60mm Setts*	6 size x 60	Charcoal, Rustic	108	9.24	1140	11	1175

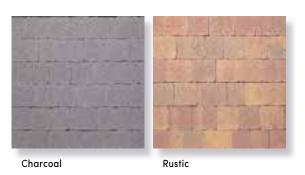
<sup>\*</sup>Supplied in Bulk Bags

# Lismore Setts

The Lismore range also includes circles and setts which come in a six-size mix and are ideal for creating curves and extending circles.







PRODUCT Range	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
<b>Lismore 60mm</b> Setts	6 size x 60	Charcoal, Rustic	108	9.24	1140	11	1175

# Lismore Circles

Create a contemporary focal point with a Lismore Circle.

The sharp lines and smooth surface make it a stylish addition to any patio area.





PRODUCT Range	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
<b>Lismore</b> Circles	2.1 Diameter 60	Charcoal, Curragh Gold, Rustic	n/a	n/a	n/a	4	450

# Cambridge Circle

Our Cambridge circular pattern has been created to recreate the look of classic limestone flags with a stylish twist. The availability of a squaring-off kit makes it ideal as a seating area, or for inclusion in a larger outdoor area.





Ivory

PRODUCT Range	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Cambridge	2.4 Diameter		n/a	4.52	25	n/a	380
Circles	2.4 + SOK* (2.7)	lvory	n/a	7.3	37	n/a	620
	1.5 Diameter		n/a	1.766	9	n/a	128.2

<sup>\*</sup> Squaring off Kit



# Connemara Walling

A rustic effect decorative walling system, Connemara is perfect when designing either an old world garden or something a little more modern. This versatile walling system doesn't require mortar and can be easily glued together once the first row of walling is securely laid in concrete or mortar.





Raven/White



Connemara Walling comes in a 3 size mix and is available in a range of colours and finishes. Used as a decorative wall, for raised beds, barbecues or as part of an informal seating area Connemara is the ideal choice.

PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
<b>Connemara</b> (Split)	3 size x 75 3 size x 150	Payon Milita Curragh Gold	n/a n/a	4 4	210 105	10 5	1280 1280
Connemara (Split - Aged*)	3 size x 75 3 size x 150	Raven /White, Curragh Gold	n/a n/a	4 4	210 105	10 5	1280 1280

<sup>\*</sup>Aged supplied in Bulk Bags

# Connemara Capping





PRODUCT Range	Dimensions (mm)	Colours	Pcs per m <sup>2</sup>	m² per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Connemara Wall Cappings	600 x 200 x 63 600 x 280 x 63	Raven/White, Curragh Gold	n/a n/a	n/a n/a	80 60	10 10	1090 1090
Pier	550 x 550 x 75	Raven/White, Curragh Gold	n/a	n/a	20	10	1090



# Kerb Setts

Kerb sett units can be laid either high rise or low rise profile to give a different appearance. Corners are not available for this product.



Charcoal

PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per LM	Linear Metres per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Kerb Sett	190 x 160 x 100	Charcoal	10	20	200	8	1135

# Kerb Block

Kerb block unit with bullnose profile. External corners available for high rise installation.





Charcoal

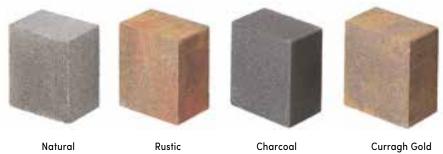


PRODUCT Range	Dimensions (mm)	Colours	Pcs per LM	Linear Metres per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Kerb Block	200 x 127 x 100	Charcoal	10	24	240	8	1225

# Lismore Kerb Stone

A smooth kerb with clean lines that will add a contemporary feel to any paving or garden.





PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per LM	Linear Metres per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Lismore Kerb	190 x 160 x 100	Natural, Rustic, Charcoal, Curragh Gold	5.25	n/a	168	6	1100

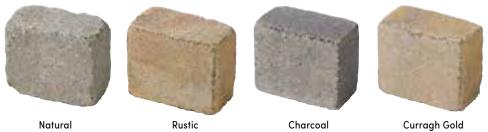
# Mellifont Kerb Stone

A more traditional style kerb with a rumbled finish for that old world period look.

## Just to note...

These kerbs are the perfect edging to our Lismore and Mellifont block paving.





PRODUCT RANGE	Dimensions (mm)	Colours	Pcs per LM	Linear Metres per Bale	Pcs per Bale	No. Layers	Approx Bale Weight (kg)
Mellifont Kerb	190 x 160 x 100	Natural, Rustic, Charcoal, Curragh Gold	5.25	n/a	175	7	1140

# Accessories

### **Gravel Stabiliser**

Nidagravel gravel stabiliser ensures driving, walking, cycling and wheeling a bicycle, wheelchair, pushchair or pram across gravel are no longer a problem.

The gravel is laid in honeycombs which keep it in place and prevent it from moving or migrating. Ugly ruts, puddles and potholes are a thing of the past.





PRODUCT Range	Dimensions (mm)				
Gravel Stabiliser	1200 x 800 x 30mm				
Recessed Manhole Covers	300 x 300 and 600 x 600				

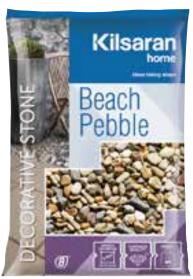
## **Recessed Manhole Cover**

Recess manhole covers will add an aesthetically pleasing appearance to your new driveway or patio.









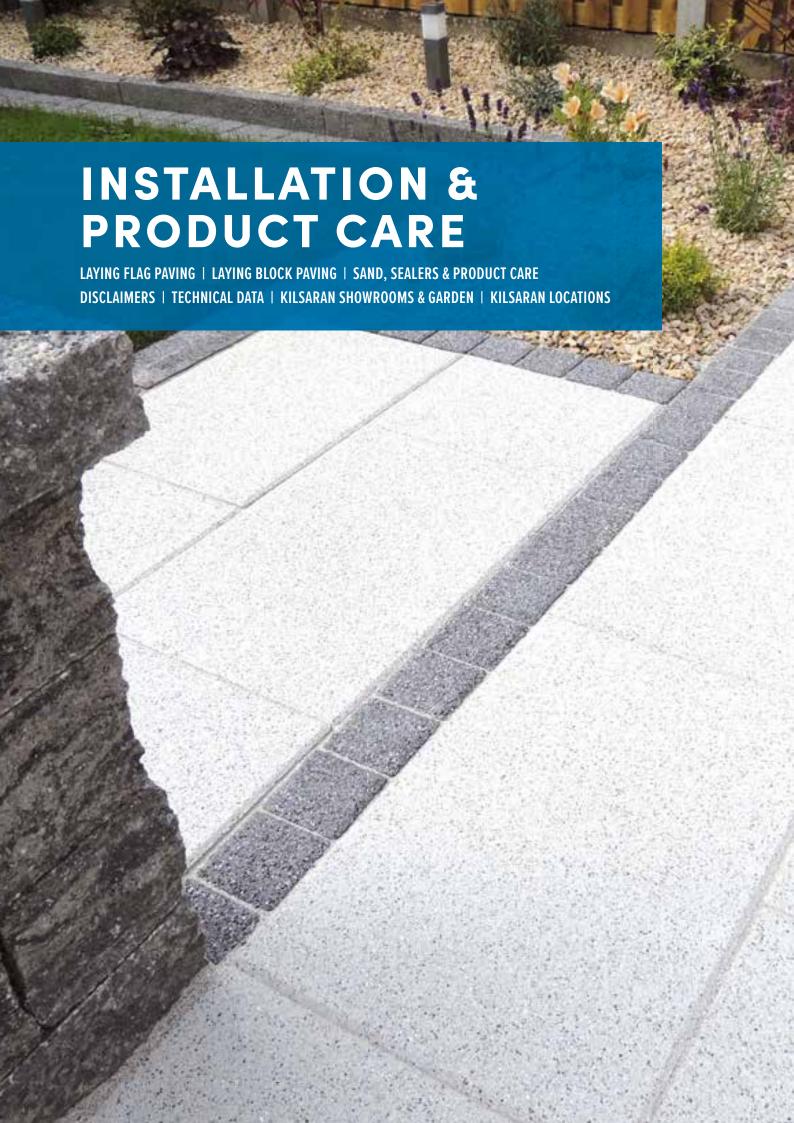
Decorative stone is perfect when creating informal garden paths, separating landscaped areas or simply adding colour. There's no need to 'square off' patios when you can use decorative stone to create a relaxed and informal feel to the space. Available in small or standard bulk bags.



\*Available in Republic of Ireland only.







## LAYING FLAG PAVING



A sand/cement bedding mix is used as the laying course and this is screeded off to the correct levels. We recommend the use of our pre-mixed Patio Bedding Mix (in 25kg bags) for domestic patio areas.



Using a spirit level and a pavior maul, ensure that the flags are laid evenly.



The jointing material (Kilsaran Jointing Sand) is carefully swept into the joints.



Sealing and regular maintenance will keep your new paving flags looking great.

## LAYING BLOCK PAVING



The laying course is normally a natural clean sharp gritty sand, laid moist in a 30-50mm layer and screeded off to correct levels. Alternatively, a clean grit may be used.



The jointing material (Kilsaran Jointing Sand) is carefully swept into the joints.



An appropriate plate compactor is used to compact the paving blocks fully. Any joints not full after compaction is complete are topped up by sweeping more sand into them

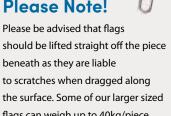


Sealing and regular maintenance will keep your new paving blocks looking great.

# **CHECKLIST:**

- Check how long the company has been laying paving products.
- Ask for some recent references of work undertaken. A reputable contractor will be delighted to show off recent work. Don't be too embarrassed to make a phone call or call in person to a previous customer – either way, you won't regret it.
- Ask for a written quotation before work commences and make sure you go through it in detail. Ask questions such as if skip hire and jointing sand is included?
- Check if the contractor has the appropriate liability insurance.
- A reputable contractor will expect their work to be of the highest standard and to last accordingly. They should have no problem guaranteeing it – so ask them to.
- While Kilsaran make every effort to ensure we only recommend the best paving and walling contractors, Kilsaran will not guarantee the workmanship of any paving contractor or offer any warranty against their work, nor will we accept any liability for any loss or damage suffered as a result of engaging recommended contractors.

#### Please Note!



flags can weigh up to 40kg/piece and we would recommend lifting them from the pallet with two people rather than one to ensure

there is minimum surface scratching.



## **SANDS & SEALERS**

#### **Pre-Mixed Products**

Our range of easy-to-use pre-mixed products come in handy bags and are ideal for home use;

- Patio Bedding Mix, for laying paving flags
- Sand & Cement Mix, for general purpose use
- Post 10, for fixing all types of posts
- Rapid-Setting Concrete, for haunching kerbs

Our range of Jointing Sands are also available in handy bags and can coordinate with our entire range.





Kilsaran pre-mixed products in handy bags

#### **Sealer**

We recommend that you protect your investment with our enviro-friendly sealer.

Our sealer offers all-round protection. It is a water-based impregnating treatment for concrete paving units. Without changing the colour or texture of the surface, it provides a liquid and oil resistant surface. Ideal for use on driveways, patios and paths as it protects surfaces from weathering and helps keep them cleaner by resisting penetration of:

- Water
- Air-borne dirt
- Food stains
- Drinks
- General dirt
- Oil and grease stains
- Chewing gum
- Organic growth (moss & lichens)



In addition to limiting the appearance of efflorescence, sealer also reduces spalling through repeated freeze/ thaw cycles. A properly sealed surface will make maintenance of the area much easier with reduced need for weed killers and power washing equipment. Requirement for cleaning is significantly reduced, leaving you to enjoy your home and garden!

## **PRODUCT CARE**

#### **General Dirt & Colour Masking**

General dirt can be removed and kept away by regular brushing. When dirt has become somewhat ingrained onto the surface of the paving or if the paving has become dull or discoloured, then scrubbing with soap and warm water will usually restore the surface. However some dulling of colour and ageing of the product is to be expected over time. Please be careful when choosing your colour pallet for a driveway as some colours may be subject to staining from vehicular traffic.

When a power-hose is used for cleaning paved surfaces it is important to note that this is likely to remove some of the jointing material which will need to be replaced. Excessive power-washing can also damage the surface of the paving.





#### Moss, Lichens and Algae Growth

The growth of moss, lichens or algae usually only occurs on paved areas which are not regularly trafficked by vehicles/ pedestrians, and where there is shading or insufficiently drained paving. Where growths of this kind are encountered there are several commercially available patio and paving cleaners that can be found in local DIY Stores and Garden Centres.

The patio and paving cleaner should be used strictly as per the manufacturer's instructions and carefully applied as directed. Many of these cleaning agents are designed to inhibit the re-growth of moss, lichen, algae and weeds. In situations where re-growth is likely, more frequent use of such cleaning agents may be required.

Please note: Pets and children should be kept clear from areas treated with chemical based cleaners as they may contain harmful ingredients. Always follow the manufacturer's instructions.

**Disclaimer:** This information serves as a guideline only. Kilsaran does not accept responsibility for damage or colour leaching/fading caused by the use of third party cleaning or detergent chemicals when used on our paving products.

As concrete paving is made from naturally occurring aggregates some slight and normal colour variation may occur. Efflorescence may occur as a naturally occurring phenomenon when temporary white stains may appear on the paving surface. Kilsaran cannot accept responsibility for these natural occurrences.



#### DISCLAIMERS/IMPORTANT INFORMATION

#### This Brochure

This brochure was printed in January 2019 and the information within it supersedes all previous brochures. We have taken every reasonable precaution to ensure that all details contained in the brochure are accurate. We are an innovative company and we seek to develop our product ranges and product lines on an ongoing basis. We recommend that you check online or by calling us to ensure that you have the most up-to-date product information to hand.

#### Our promise and guarantee

We promise, that with normal usage, our products will last for at least 25 years from the date of purchase. Our Product Promise is personal to the end-user and as such is non-transferable. It is limited to the product and does not cover installation defects or consequential losses. Whilst the Product Promise confers no rights other than those expressly stated, your statutory rights as a consumer are not affected.

#### **Our Paving Products**

When our product is delivered and before it is laid, the customer should satisfy themselves that the product is free from defects or damage. Any product failing to meet the product specification will be replaced as per our product promise. Our product promise relates strictly to the product only. Kilsaran cannot accept liability for replacement installation costs and/or delays incurred as a result of product that is defective or damaged which is laid. Any defects must be notified to Kilsaran immediately and any breakages must be reported within 72 hours of delivery.

#### **Scuff and Scratches**

Small scuffs or scratches on the surface of our paving products may arise during transportation, handling of the product on site or compaction. Please be advised that flags should be lifted straight off the piece beneath as they are liable to scratches when dragged along the surface. These scratches are quite normal and will disappear over time. They do not affect the integrity of the product in any way.

#### Efflorescence

Efflorescence is a naturally occurring phenomenon when temporary white stains may appear on the paving product surface. This is inherent in concrete products, this is not a product defect. Over time, these stains are gradually washed away by rain and weathering. Kilsaran cannot accept responsibility for these natural occurrences.

#### **Colour Illustrations**

Through the use of the most modern photographic techniques available we endeavour to ensure that the colour illustrations of our paving products in this brochure are as accurate as possible. We do recommend that any final decision is based upon viewing a sample of the product. These samples can be provided by paving centres stocking our product, your laying contractor or at our Display Showrooms in Dunboyne, County Meath.

#### **Colours and Blending**

Kilsaran uses high-quality photo stable iron oxide pigments to create the various colours in the paving products range. As with all concrete products, our paving products may be subject to slight colour variation due to the natural variation in raw materials used and from weathering over time. These are natural occurrences inherent in all concrete products, Kilsaran cannot accept responsibility for these natural occurrences.

When laying, in order to achieve an even blend of colour, it is essential to work equally from a minimum of three packs, laying evenly from each. It is essential to measure the area to be paved accurately allowing for waste. The full quantity of required product should be advised to Kilsaran so that we may deliver as one batch. Additional material subsequently ordered may delay the completion of your project and may be from a separate production batch and there may be a shading difference.

#### Structural Integrity

Some of our paving products have been deemed suitable for driveways, this refers to the structural integrity of the product to withstand the weight of vehicular traffic. Please be careful when choosing your colour pallet for a driveway as some colours maybe subject to staining from vehicular traffic and Kilsaran are in no way responsible for this should it occur.

#### **Returned Products**

Kilsaran does not accept returns on any materials.

#### Commitment to Customer Satisfaction

We strive to provide the best products in the market backed up by superior customer service. If our products or service do not meet your expectations please contact us.

#### **Special Orders**

The colour swatches displayed in this brochure best reflect our most popular colours within specific product ranges at the time of going to print. It may be possible to produce these products in other colours not displayed on the relevant swatch depending on the order volume. Kilsaran reserves the right to refuse to manufacture products in specific colours. Special colours may be subject to greater lead time than standard stock colours.

# **TECHNICAL DATA**

Product	Manufacturing Specification	Site Design Specification	Installation Specification
Paving Blocks	EN 1338	BS 7533 Part 1 or 2	BS 7533-3
Paving Flags	EN 1339	BS 7533-8	BS 7533-4
Kerbs	EN 1340	BS 7533-6	BS 7533-6
Ashford & Cooley Walling	EN 771-3	IS 325 and Eurocode 6	IS 325 and Eurocode 6
Connemara Walling	EN 13198	IS 325 and Eurocode 6	IS 325 and Eurocode 6

#### PRODUCT STANDARDS AND SPECIFICATIONS

We manufacture our products in a strictly controlled environment to the relevant national and European specifications.

# KILSARAN HOME SHOWROOM GARDENS



Our award-winning Display Gardens & Showroom is open 6 days during the Spring, Summer and Early Autumn and 5 days during the Winter months.

For our current opening hours please visit us online.







FOR ALL OUR LATEST NEWS & OFFERS LOG ON TO kilsaran.ie or kilsaraninternational.co.uk

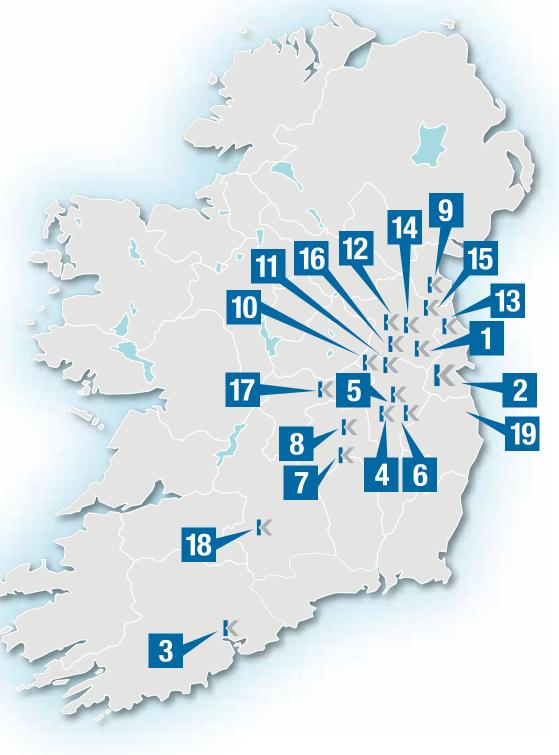


## Kilsaran Home is part of Kilsaran International, Ireland's leading independent producer of concrete products.

This family-owned and run business is quite literally Irish from the ground up, mining raw materials from our own quarries and manufacturing end products at its various manufacturing plants across the country.

We specialize in making superior quality paving and walling, road surfacing materials, pre-mixed mortars, renders, screeds and, of course, ready-mixed concrete and blocks.

Proud to be a member of the Guaranteed Irish family of brands, the Kilsaran Group currently employs more than 500 people at numerous locations around the country.



- 1. Kilsaran Clonee Plant & Head Office -
- Dunboyne, Co. Meath, 01 8026300
- 2. Dublin Locations
  - Kilsaran Ballinascorney -Brittas. Dublin, 01 4582237
  - Kilsaran Lucan -
    - Adamstown, Lucan, Dublin 22, 01 6282911
  - Kilsaran Naul -
    - Clashford, Naul, Dublin, 01 8412191
  - Kilsaran Southbank Road -Ringsend, Dublin 4, 01 6077107
  - Kilsaran Tallaght -Tallaght Road, Dublin 24, 01 4515433
  - Kilsaran Millennium Business Park -Grange, Ballycoolin, Dublin 15, 01 8649005
- 3. Kilsaran Rossmore -Carrigtwohill, Cork, 021 4883120

- 4. Kilsaran The Curragh -
  - Ballysax, Kildare, 045 481011
- 5. Kilsaran Brownstown -
  - Kilcullen, Kildare, 045 480620
- 6. Kilsaran Kilcullen -
  - Halverstown, Kilcullen, Kildare, 045 485260
- 7. Kilsaran Ballinakill -
  - Moate, Laois, 057 8733532
- 8. Kilsaran Portlaoise -
  - Rathleague, Laois, 057 8621487
- 9. Kilsaran Gallstown -
  - Grangebellow, Drogheda, Louth, 041 6861515
- 10. Kilsaran Clonard -
  - Kilrathmurray, Meath, 046 9551550
- 11. Kilsaran Enfield -
- Rathcore, Enfield, Meath, 046 9541666

- 2. Kilsaran Navan -
- Proudstown, Navan, Meath, 046 9023116
- 13. Kilsaran Bellewstown -
- Mullagh, Bellewstown, Meath, 041 9823651
- 14. Kilsaran Kilmessan -
  - Swainstown, Kilmessan, Meath, 046 9025352
- 15. Kilsaran Duleek -
  - Annagor, Duleek, Meath, 041 9814620
- **16.** Kilsaran Castletown Rathmolyon, Meath, 046 9555953
- 17. Kilsaran Tullamore -Bunaterin, Tullamore, Offaly, 057 9321727
- **18.** Kilsaran Kilfeacle Deerpark, Tipperary, 062 33332
- 19. Kilsaran Kilpedder -Co. Wicklow, 01 2011719

# Get in touch

Kilsaran International ROI Sales Enquiries/Design Services

Locall: 1890 92 99 92 ROI: Call 01 802 6390

#### Display Gardens & Showroom

Piercetown, Dunboyne, Co. Meath, Ireland, A86 W820

Call: 01 802 6300

#### Coordinates

N53 26 35 W6 28 8

www.kilsaran.ie

#### Kilsaran UK Sales Enquiries/ Design Services

UK: Call 0044 (161) 872 8899

### Office

2nd Floor Lowry Mill, Lees Street, Pendlebury, Swinton, Manchester,

M276DB

www.kilsaraninternational.co.uk





## **Please Note!**

Our award-winning Display
Gardens and Showroom is open
Mon - Sat during the Spring,
Summer and Early Autumn and
Mon - Fri during the Winter
months. For our current opening
hours please visit us online.





# Transform your outdoor space



#### Kilsaran International – ROI

Piercetown, Dunboyne Co. Meath Ireland A86 W820

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