

# Artro

**For Care Homes**  
Designing with End Users in Mind

 **Tobermore**



# Introducing Artro

Artro is a new trafficable paving range which provides the option of vehicular access in care home projects.

Inspired by the intimate scale of traditional European clay pavers, Artro brings the concept right up to date, providing inspirational options for landscape designers.

Reflecting the trend for linear style paving, each option is manufactured with our proven PrimeTop technology, providing both the aesthetics and performance required on specialist residential facilities. Choose from Tobermore's comprehensive range of paving sets and kerbs to add additional character to each paving scheme.

 **PrimeTop**  **Ef-Stop**



Pedestrian  
Use



Light  
Traffic



Commercial  
Traffic

# Why Specify Artro for Care Homes?

Artro brings a classic style to residential projects in private, social or shared accommodation schemes. Ideally suited to care home applications, Artro is non-reflective and anti-glare which is an important consideration when end users may have visual impairments.

Perfect for paving a grand entrance, an intimate courtyard or a meandering pathway. Artro is designed to perform flawlessly with the demands of frequent vehicular traffic. People with limited mobility can often be deterred from hard landscaping which appears to be slippery. Artro boasts a very low slip/skid risk rating which is essential for care home end users.

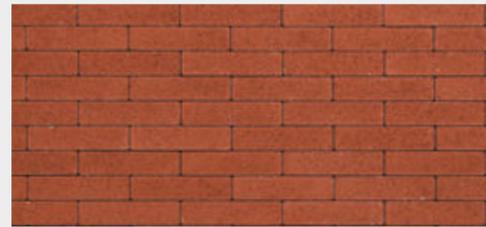
- ✓ **Non-reflective**
- ✓ **Anti-glare**
- ✓ **Low Slip/Skid Rating**



# Artro Warm Palette

Artro's warm palette tones are the perfect match for hard landscaping around traditional buildings and are typically laid with flexible jointing.

## Colour Options



Autumn



Heather



Bracken

Autumn

## Flexible Jointing

Artro Autumn with kiln dried sand



## Flexible Jointing

Artro Heather with silver sand



Artro Heather with kiln dried sand



Artro Bracken with silver sand



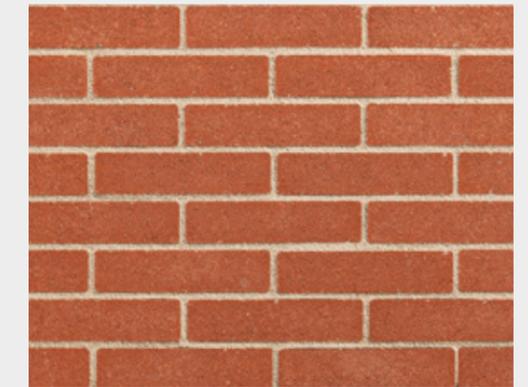
Artro Bracken with kiln dried sand



Heather & Bracken

## Rigid Jointing

Artro Autumn with light rigid jointing



Installing Artro with rigid jointing introduces wider block spacing creating contrast between the paving and the joint material, resulting in a dramatic visual effect.

While most Artro installations will be laid flexibly with a close sand joint there may be certain projects where the additional cost of a rigid installation can be absorbed.

Autumn

# Arthro Cool Palette

Choose from 4 cool greys and tailor the look with the choice of jointing material used.

## Colour Options



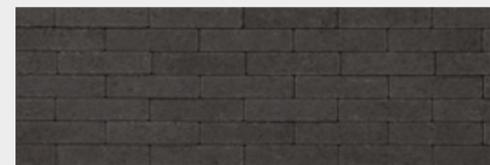
Platinum



Steel



Slate



Carbon

Platinum

## Flexible Jointing

Arthro Platinum with silver sand



## Flexible Jointing

Arthro 3 way grey mix with kiln dried sand



3 Way Grey Mix

## Rigid Jointing

Arthro Slate with light rigid jointing



Slate

Installing Arthro with rigid jointing introduces wider block spacing creating contrast between the paving and the joint material, resulting in a dramatic visual effect.

While most Arthro installations will be laid flexibly with a close sand joint there may be certain projects where the additional cost of a rigid installation can be absorbed.

# Design Considerations

The therapeutic benefits of a safe, attractive and carefully planned external living environment are well recognised. Access and proximity to external space will enable an older person to maintain an active lifestyle which supports their physical and emotional wellbeing. Secure areas for walking and wheelchairs should be integrated into the design to provide opportunities for exercise and relaxation outdoors.



## Inclusive Design

Care homes should be designed to be 'enabling' in terms of the likely impairments which residents may experience with increasing age and frailty. We recommend designing hard landscaping with the end users in mind, maximising accessibility and inclusivity for staff, visitors and residents. It is still possible to create beautiful hard landscaping designs which are familiar and not confusing for the end users.



## Colour Selection

Care must be taken when selecting colours and materials for hard landscaping. We recognise that certain combinations of colours and patterns can be problematic for some groups of people. Changes in colour and or tone in paving may appear as a step or barrier to a resident with dementia and deter some residents from entering a space or even lead to a fall. Strong patterns such as visible joints in paving or changes in block colour need to be avoided as they present a barrier to movement. Avoid 'visual clutter' by opting for plain colour schemes with no confusing patterns. The team at Tobermore can assist with a suitable selection of landscaping for Care Homes.



## Meaningful Contrast

Ensure clear contrasts are used for clarity where the walls and floors meet and on edges, obstacles, street furniture, steps and changes in level. Strong contrasts in surfacing need to be avoided as end users may interpret it as a change in level or a hole.

It is best to avoid large patterns in paving which can look dirty or uneven to some residents.



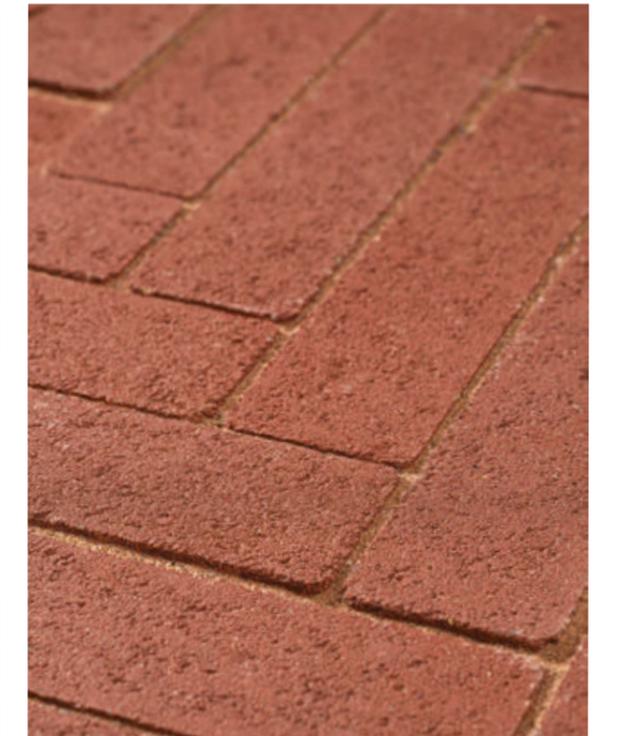
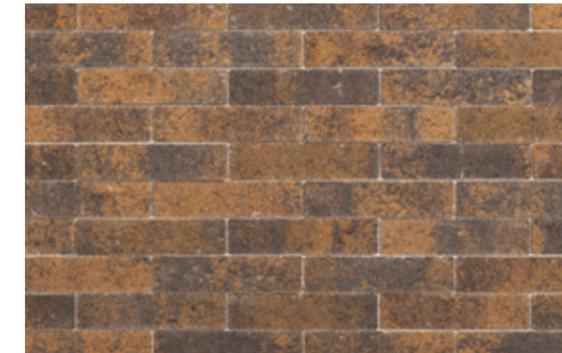
## Glare/Reflection

Certain people with dementia are sensitive to bright light and glare from shiny surfaces. Hard landscaping which is highly reflective may appear to be wet and slippery. Therefore, paving materials which minimise glare and reflection should be selected.

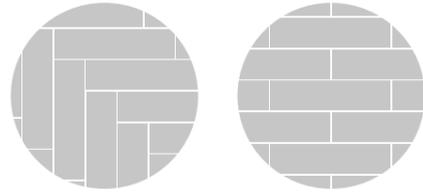
# Design Inspiration

To get your creative juices flowing we have pulled together an Artro Mood Board below which is in line with the design considerations outlined previously.

Did you know that we offer Free Design Services? We package together all essential elements to make the specification of Tobermore products a quick and easy process. Tobermore's team of qualified landscape designers will work in partnership with you to select the right products, colours, sizes and textures to compliment your project style within your indicated budget.

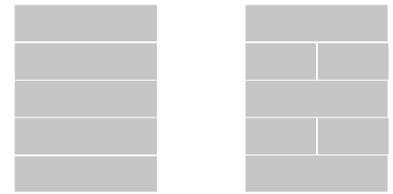


Laying Patterns



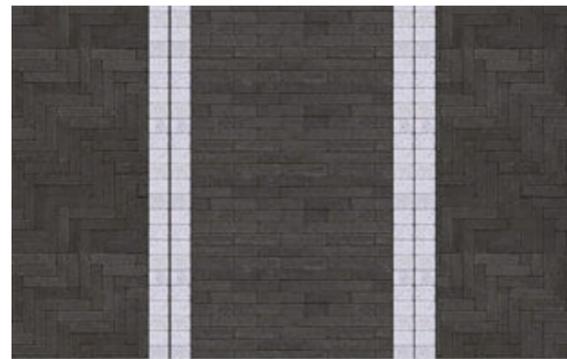
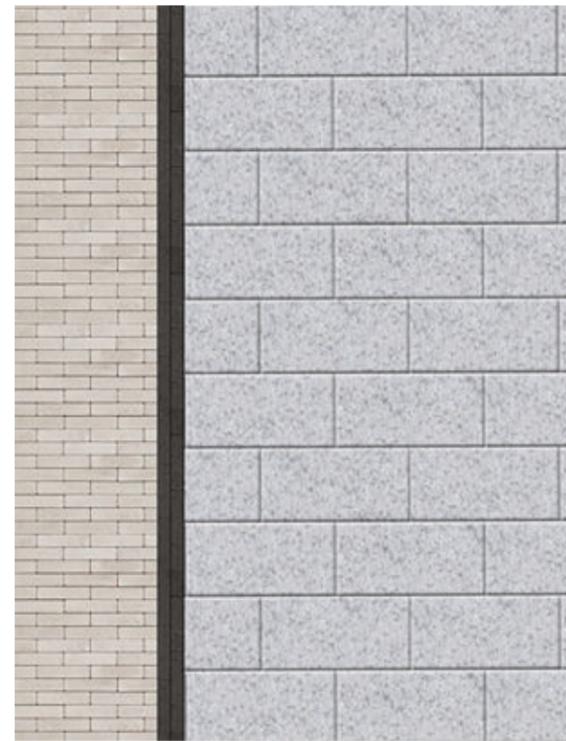
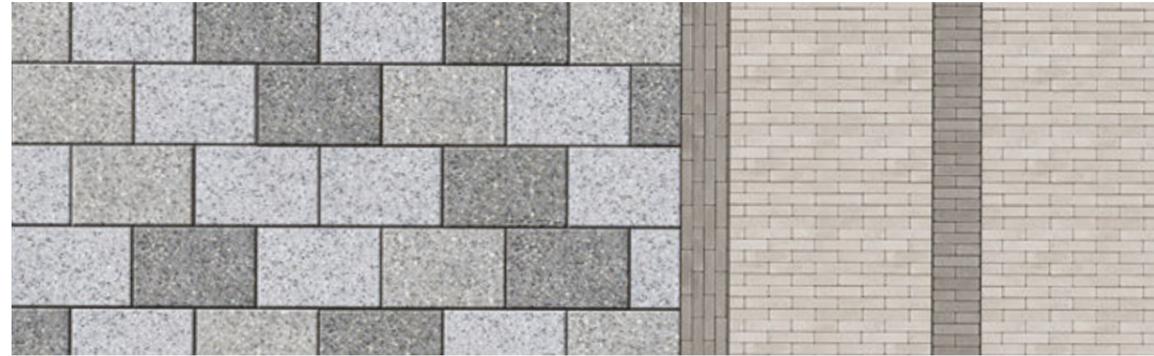
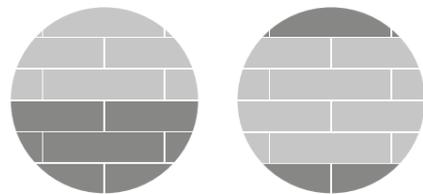
Herringbone 90° Stretcher bond

Borders



Stacked border Staggered border

Colour Banding

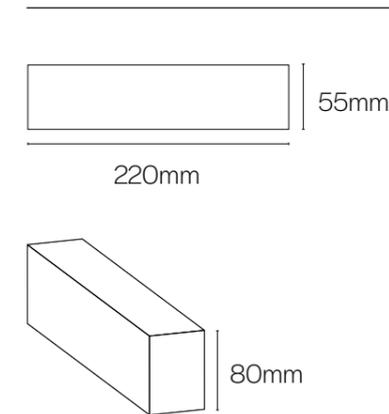


# Artro Specification

✓ PrimeTop® ✓ Ef-Stop®

<b>Product type</b>	Concrete Paving Block
<b>Manufactured to</b>	BS EN 1338:2003
<b>Surface Layer</b>	Hard-wearing surface layer with a minimum of 4mm and >350kgs/m <sup>3</sup> cement
<b>Surface Finish</b>	Smooth
<b>Efflorescence</b>	Minimum 12 hour vapour curing to significantly reduce the possibility of efflorescence
<b>Strength</b>	Typical tensile splitting strength of >3.6MPa
<b>Slip/Skid resistance</b>	Mean polished skid resistance value (PSRV) >45, Mean unpolished skid resistance value (USRV) >45
<b>Installed to (flexibly)</b>	BS7533-3-2005
<b>ns5</b>	<b>Plus</b> Q24 110 <b>Create</b> 45-20-64/400
<b>Applications</b>	Refer to the relevant part of BS7533 for the correct sub-base design and the most suitable product size for your application. Available from <a href="http://www.bsigroup.com">www.bsigroup.com</a>
<b>Energy used</b>	100% renewable energy
<b>Water used</b>	100% from our rainwater harvesting system and groundwater bore hole
<b>Recycled content</b>	Not less than 12%
<b>EPD Carbon Footprint</b>	<b>80mm</b> 30kgCo <sup>2</sup> e/m <sup>2</sup>
<b>Recyclable</b>	100% of this product can be recycled
<b>Manufacturing &amp; Delivery</b>	From one location within the UK
<b>breeam rating</b> <a href="http://www.bre.co.uk">www.bre.co.uk</a>	<b>B</b> , according to the Green Guide to Specification, 4th Edition 2009. <b>A</b> , can be achieved when used in conjunction with a prepared recycled sub-base.

## Size



## Stock

Product	Size (mm)	Colours available	In stock	m <sup>2</sup> per pack	m <sup>2</sup> per slice	No. per m <sup>2</sup>	No. per pack	Weight kg per pack GB	Weight kg per pack NI/ROI
<b>Artro</b>	220 x 55 x 80	Platinum, Steel, Carbon, Slate, Autumn, Heather, Bracken	YES	6.776	0.847	82.64	560	1266	1266

## Important Information

Tobermore recommend that you separate product groups using contrasting bands of colour as each product is manufactured separately and may have slight variations in colour. Light coloured blocks emphasise tyre marks and oil spills. It must be accepted that these products will need more maintenance if the overall appearance is to be maintained.

## Rigid Jointing

When using the rigid jointing method it is important to ensure any surplus material is removed from the surface to avoid staining. We recommend a test panel is constructed prior to work commencing.



Tobermore products are manufactured in accordance with an accredited ISO 9001:2015 Quality Management. Manufacturing facilities are accredited to ISO14001:2015 Environmental Management. The company publish environmental labels and declarations in accordance with BES 6001.

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