

# Galway Limestone.

**QUANTUM**  
TILES. STONE. CORK.



Galway is a warm grey-toned Egyptian limestone displaying small unique fossilization and crystals which are delicately arranged by nature. The natural variation in each piece of this unique stone, helps create an authentic and natural patina in any project space. With various formats and different textures available, Galway can be used in a variety of applications both internally and externally for a practical and enduring surface material.

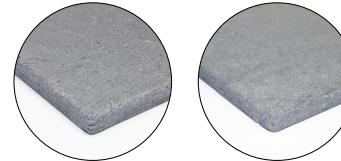
STONE TYPE:	Limestone
FORMATS:	Tiles, Batons, Setts, Crazy Pave, Custom
SURFACES:	Tumbled, Arendo
SIZES (mm):	406x610x18, 406x610x20/50 (Drop Face Steps), 250x50x18 (Batons), Crazy Pave, Setts, Custom

# Galway Limestone.

Test	Standard	Result
Apparent Density	EN1936: 2006	2642kgs/m <sup>3</sup>
Water Absorption	EN1936: 2006	2.3%
Flexural/Breaking Strength	EN 1926: 2006	15.69 MPa
Frost Resistance (56 Cycles)	EN12371: 2010	19.1 MPa
Abrasion Resistance	EN14157: 2004	22.15mm (groove length)
Compressive Strength (Dry)	EN12371: 2001	105 MPa
Compressive Strength (Wet)	-	-
Slip-Resistance (SRV)	AS/NZS 4586: 2014	Wet      Dry

Tumbled	-	-
Arendo	61	-

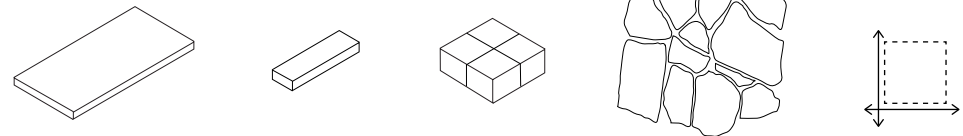
## SURFACES:



Tumbled

Arendo

## FORMATS:



Tiles

Batons

Setts

Crazy Pave

Custom

\*For further test results or specifics, please consult our stone specialists.

- ✓ Suitable for exterior applications
- ✓ Suitable for use in freezing conditions
- ✓ Suitable for use with under tile heating
- ✓ Requires sealing

For more information or advice, please contact our sales team.

## BPIR (Building Product Information Requirements)

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**B2.3.1.(c) (i) and (ii);** Quantum stone products have a durability performance warranty of 5 years once installed according to accepted industry tiling standards.

**C3.4 (a) and (b);** Quantum stone products remain non-combustible and resistant to all potential fire hazards. They meet Group 1-S for all applications and surpass the min Critical Radiant Flux 4.5kW/m<sup>2</sup>.

**D1.3.3 (d);** All Quantum stone products noted as 'Arendo', 'Slip-resistant', 'Structured', 'Grip' or 'Anti-Slip', will meet minimum SRV (Slip Resistance Value) measures that comply with the building code (NZBC) for 'Access Routes' under normal conditions of use. These tiles are tested and verified in New Zealand using accredited agencies with test reports readily available.

**E3.3.3, E3.3.4, E3.3.5, E3.3.6;** All Quantum stone tiles remain an 'acceptable surface solution', and provide an impervious surface on both floors and walls. All floor and wall stone tiles achieve a maximum of 6% water absorption after correct recommended sealing processes to the stone. Please note; the substrate surface must be waterproofed to restrict and seal against the permeation of water regardless. Water absorption values are stated in the technical data.

**F2.3.1;** Quantum stone products do not pose any health hazard or give rise to any harmful concentrations at the surface of the material where the material is exposed.

Quantum stone products are very resilient and have few limitations. They are highly resistant to normal wear, sun, UV, and moisture however there are some conditions to consider;

- External tile applications will be limited to products with lower water absorption, or shown to be suitable for external applications to ensure integrity in frost conditions.
- Full immersion applications, i.e., pools, will be limited to stone approved to this application.
- Dropping of any heavy items i.e., hammers, pots/pans etc, may chip or crack the stone. This is not considered wear and tear.

For areas requiring slip-resistance, the suitable surface must be selected and installed in accordance with the NZ Building Code (NZBC) to ensure the surface remains safe and fit for purpose.

Regular cleaning and maintenance of the surface will maintain hygienic surface conditions and retain any textural or slip-resistant properties. Please refer to our 'Maintenance and Care Guide' for directions and recommendations on regular cleaning routines.

Products must be installed according to the AS Acceptable Tiling Standards Guide by professional installers who have this available and can guarantee their workmanship.

Quantum carries the responsibility and liability for this collection as legal entity; Quantum Importing and Distribution Limited. PO Box 8044, Palmerston North 4412.