

# Metro Granite Cobble.

**QUANTUM**  
TILES. STONE. CORK.



The Metro Cobble collection remains a durable and popular natural granite sett with either a flamed or split-face surface, ideal for driveways, paths, courtyards and other landscape installations both residentially and commercially. Metro Cobble is available in several variants, carries good uniformity, and remains a reliable and solid performing solution in New Zealand's landscape design.

STONE TYPE:	Granite
SURFACES:	Flamed, Flamed + Tumbled, Split-face
FORMATS:	Cobble Setts, Meshed Setts, Custom

# Metro Granite Cobble.

Test	Standard	Result
Apparent Density	EN1936: 2006	2590kgs/m <sup>3</sup>
Water Absorption	EN1342: 2012	1.2%
Flexural/Breaking Strength	EN 1316	15.69 MPa
Frost Resistance (56 Cycles)	EN12371: 2010	19.1 MPa
Abrasion Resistance	EN14157: 2004	22.15mm (groove length)
Compressive Strength (Dry)	EN1926: 2006	105 MPa
Compressive Strength (Wet)	-	-
Slip-Resistance (SRV)	NZS 4586: 2004	Wet      Dry

Flamed	≥ 40	≥ 40
Flamed + Tumbled	≥ 40	≥ 40
Split-face	≥ 40	≥ 40

## SURFACES:

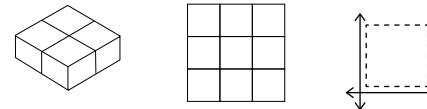


Flamed

Flamed + Tumbled

Split-face

## FORMATS:



Cobble Setts

Meshed Setts

Custom

\*For further test results or specifics, contact your account manager, or our customer care team on 0800 525 585.

- ✓ 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.

### Installation, Care and Maintenance

Please refer to our installation guides online at [www.qcg.co.nz](http://www.qcg.co.nz)

### Product Notes

When used in exterior applications, the appearance of stone will change over time. For more information, please see the information sheet online 'Understanding Weathering of Natural Stone'.

## 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 that indicate a slip-resistance level, 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.