Class 1
Building Product Information Sheet

Product name *(include the brand name)*:

Ego 20mm

Product description and its intended use *(measurements, materials, usage)*:

600x1200, glazed porcelain, 20mm thickness, grip finish, rectified edges, suitable for floors, 0.5% water absorption

Product identifier *(if applicable)*:

Ego

(This could be a Global Trade Item Number (GTIN) or quick response code (QR code), or any other distinguishable part/model number or identifier.)

Place of manufacture: ☐ **Aotearoa New Zealand** ☑ **Overseas**

Legal and trading name of the manufacturer(s):

Emil Ceramica S.r.L.

Address for service:

STREET NAME Via Ghiarola Nuova, 29, 41042 Fiorano SUBURB Modenese MO

CITY, COUNTRY Itlay POSTCODE

Website: www.emilgroup.com

Email address: info@emilceramicagroup.it

Phone no. *(if applicable)*: +39 0536927611

NZBN *(if applicable)*:

Legal and trading name of the importer *(if applicable)*:

Quantum Group Importing and Distribution Limited

Address for service:

STREET NAME	20C Kaimanawa Street	SUBURB	Kelvin Grove
CITY, COUNTRY	Palmerston North, New Zealand	POSTCODE	4414

Website:	www.qcg.co.nz
Email address:	sales@qcg.co.nz
Phone no. *(if applicable)*:	+64 6 356 1234
NZBN *(if applicable)*:	9429030697102

Relevant Building Code clauses:

B2 Durability - B2.3.1(c), (i) and (ii)

C3 Fire affecting areas beyond the fire source - C3.4, (a) and (b)

D1 Access Routes - D1.3.3(d)

E3 Internal Moisture - E3.3.3, E3.3.4, E3.3.5, E3.3.6

F2 Hazardous Building Materials - F2.3.1

Statement on how the building product is expected to contribute to compliance:

B2.3.1.(c) (i) and (ii); Quantum tiles have a durability performance warranty of 15 years once installed according to accepted industry tiling standards. This includes the surface glazes and composition of the tile itself. This remains subject to

C3.4 (a) and (b); Quantum tiles 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/m2.

D1.3.3 (d); All Quantum tiles noted as '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 'glazed' or 'full or colored body' ceramic and porcelain tiles remain an 'acceptable surface solution', and provide an impervious surface on both floors and walls. All floor tiles and the majority of all wall tiles achieve a maximum of 6% water absorption. Where water absorption is greater than 6% - please note; There must be no cracks or damage to the glaze, and grout in joints must reach the glazed surface and be waterproofed to restrict and seal against the permeation of water. Water absorption values are stated in the 'Product Description', or can be found in the product TDS (technical data sheet) online.

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

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured*
- *physical properties of the building product*
- *how the building product is intended to be used.*

Limitations on the use of the building product:

Quantum tiles 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 porcelain for low water absorption to ensure integrity in frost conditions.

- Full immersion applications, ie Pools, will be limited to porcelain or specific pool-rated ceramic tiles.

- Dropping of any heavy items ie, Hammers, pots/pans etc, may chip or crack the surface. This is not considered wear and tear.

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

- 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.

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

Design requirements that would support the appropriate use of the building product:

N/A

Installation requirements *(also provide link to the product installation guide)*:

We recommend all Quantum tiles are installed by professional installers, and all installation methods comply with best practice and in line with the AS Acceptable Tiling Standards guidance which is accepted and endorsed here in NZ. This will ensure the integrity and performance of the finished floor or wall surface remains uncompromised and durable.

Maintenance requirements *(also provide link to the product maintenance guide)*:

Please refer to our 'Maintenance and Care' guide, for best practice for cleaning and maintaining your selected tiles. This will ensure the floor and wall surfaces retain their visual appeal and functional requirements.

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?:

☐ **Yes** ☑ **No**

If yes, description of the warning or ban under section 26:

N/A

Version: 1.01

Date: 01/12/2023

Class 1
Building Product Information Sheet

Product name *(include the brand name)*:

Ego Natural

Product description and its intended use *(measurements, materials, usage)*:

600x1200, 200x1200, 600x600, 300x600, 300x300, 65x600, glazed colored porcelain, 10mm thickness, natural finish, rectified edges, suitable for floors and walls, 0.5% water absorption

Product identifier *(if applicable)*:

Ego

(This could be a Global Trade Item Number (GTIN) or quick response code (QR code), or any other distinguishable part/model number or identifier.)

Place of manufacture: ☐ **Aotearoa New Zealand** ☑ **Overseas**

Legal and trading name of the manufacturer(s):

Emil Ceramica S.r.L.

Address for service:

STREET NAME Via Ghiarola Nuova, 29, 41042 Fiorano SUBURB Modenese MO

CITY, COUNTRY Itlay POSTCODE

Website: www.emilgroup.com

Email address: info@emilceramicagroup.it

Phone no. *(if applicable)*: +39 0536927611

NZBN *(if applicable)*:

Legal and trading name of the importer *(if applicable)*:

Quantum Group Importing and Distribution Limited

Address for service:

STREET NAME	20C Kaimanawa Street	SUBURB	Kelvin Grove
CITY, COUNTRY	Palmerston North, New Zealand	POSTCODE	4414

Website:	www.qcg.co.nz
Email address:	sales@qcg.co.nz
Phone no. *(if applicable)*:	+64 6 356 1234
NZBN *(if applicable)*:	9429030697102

Relevant Building Code clauses:

B2 Durability - B2.3.1(c), (i) and (ii)

C3 Fire affecting areas beyond the fire source - C3.4, (a) and (b)

D1 Access Routes - D1.3.3(d)

E3 Internal Moisture - E3.3.3, E3.3.4, E3.3.5, E3.3.6

F2 Hazardous Building Materials - F2.3.1

Statement on how the building product is expected to contribute to compliance:

B2.3.1.(c) (i) and (ii); Quantum tiles have a durability performance warranty of 15 years once installed according to accepted industry tiling standards. This includes the surface glazes and composition of the tile itself. This remains subject to

C3.4 (a) and (b); Quantum tiles 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/m2.

D1.3.3 (d); All Quantum tiles noted as '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 'glazed' or 'full or colored body' ceramic and porcelain tiles remain an 'acceptable surface solution', and provide an impervious surface on both floors and walls. All floor tiles and the majority of all wall tiles achieve a maximum of 6% water absorption. Where water absorption is greater than 6% - please note; There must be no cracks or damage to the glaze, and grout in joints must reach the glazed surface and be waterproofed to restrict and seal against the permeation of water. Water absorption values are stated in the 'Product Description', or can be found in the product TDS (technical data sheet) online.

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

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured*
- *physical properties of the building product*
- *how the building product is intended to be used.*

Limitations on the use of the building product:

Quantum tiles 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 porcelain for low water absorption to ensure integrity in frost conditions.

- Full immersion applications, ie Pools, will be limited to porcelain or specific pool-rated ceramic tiles.

- Dropping of any heavy items ie, Hammers, pots/pans etc, may chip or crack the surface. This is not considered wear and tear.

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

- 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.

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

Design requirements that would support the appropriate use of the building product:

N/A

Installation requirements *(also provide link to the product installation guide)*:

We recommend all Quantum tiles are installed by professional installers, and all installation methods comply with best practice and in line with the AS Acceptable Tiling Standards guidance which is accepted and endorsed here in NZ. This will ensure the integrity and performance of the finished floor or wall surface remains uncompromised and durable.

Maintenance requirements *(also provide link to the product maintenance guide)*:

Please refer to our 'Maintenance and Care' guide, for best practice for cleaning and maintaining your selected tiles. This will ensure the floor and wall surfaces retain their visual appeal and functional requirements.

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?:

☐ **Yes** ☑ **No**

If yes, description of the warning or ban under section 26:

N/A

Version: 1.01

Date: 01/12/2023

Class 1
Building Product Information Sheet

Product name *(include the brand name)*:

Ego Trame

Product description and its intended use *(measurements, materials, usage)*:

600x1200, 200x1200, 600x600, 300x600, 300x300, 65x600, glazed colored porcelain, 10mm thickness, natural finish, rectified edges, suitable for walls, 0.5% water absorption

Product identifier *(if applicable)*:

Ego

(This could be a Global Trade Item Number (GTIN) or quick response code (QR code), or any other distinguishable part/model number or identifier.)

Place of manufacture: ☐ **Aotearoa New Zealand** ☑ **Overseas**

Legal and trading name of the manufacturer(s):

Emil Ceramica S.r.L.

Address for service:

STREET NAME Via Ghiarola Nuova, 29, 41042 Fiorano SUBURB Modenese MO

CITY, COUNTRY Itlay POSTCODE

Website: www.emilgroup.com

Email address: info@emilceramicagroup.it

Phone no. *(if applicable)*: +39 0536927611

NZBN *(if applicable)*:

Legal and trading name of the importer *(if applicable)*:

Quantum Group Importing and Distribution Limited

Address for service:

STREET NAME	20C Kaimanawa Street	SUBURB	Kelvin Grove
CITY, COUNTRY	Palmerston North, New Zealand	POSTCODE	4414

Website:	www.qcg.co.nz
Email address:	sales@qcg.co.nz
Phone no. *(if applicable)*:	+64 6 356 1234
NZBN *(if applicable)*:	9429030697102

Relevant Building Code clauses:

B2 Durability - B2.3.1(c), (i) and (ii)

C3 Fire affecting areas beyond the fire source - C3.4, (a) and (b)

D1 Access Routes - D1.3.3(d)

E3 Internal Moisture - E3.3.3, E3.3.4, E3.3.5, E3.3.6

F2 Hazardous Building Materials - F2.3.1

Statement on how the building product is expected to contribute to compliance:

B2.3.1.(c) (i) and (ii); Quantum tiles have a durability performance warranty of 15 years once installed according to accepted industry tiling standards. This includes the surface glazes and composition of the tile itself. This remains subject to

C3.4 (a) and (b); Quantum tiles 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/m2.

D1.3.3 (d); All Quantum tiles noted as '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 'glazed' or 'full or colored body' ceramic and porcelain tiles remain an 'acceptable surface solution', and provide an impervious surface on both floors and walls. All floor tiles and the majority of all wall tiles achieve a maximum of 6% water absorption. Where water absorption is greater than 6% - please note; There must be no cracks or damage to the glaze, and grout in joints must reach the glazed surface and be waterproofed to restrict and seal against the permeation of water. Water absorption values are stated in the 'Product Description', or can be found in the product TDS (technical data sheet) online.

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

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured*
- *physical properties of the building product*
- *how the building product is intended to be used.*

Limitations on the use of the building product:

Quantum tiles 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 porcelain for low water absorption to ensure integrity in frost conditions.

- Full immersion applications, ie Pools, will be limited to porcelain or specific pool-rated ceramic tiles.

- Dropping of any heavy items ie, Hammers, pots/pans etc, may chip or crack the surface. This is not considered wear and tear.

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

- 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.

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

Design requirements that would support the appropriate use of the building product:

N/A

Installation requirements *(also provide link to the product installation guide)*:

We recommend all Quantum tiles are installed by professional installers, and all installation methods comply with best practice and in line with the AS Acceptable Tiling Standards guidance which is accepted and endorsed here in NZ. This will ensure the integrity and performance of the finished floor or wall surface remains uncompromised and durable.

Maintenance requirements *(also provide link to the product maintenance guide)*:

Please refer to our 'Maintenance and Care' guide, for best practice for cleaning and maintaining your selected tiles. This will ensure the floor and wall surfaces retain their visual appeal and functional requirements.

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?:

☐ **Yes** ☑ **No**

If yes, description of the warning or ban under section 26:

N/A

Version: 1.01

Date: 01/12/2023