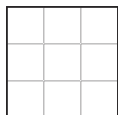


TECHNICAL SPECIFICATIONS

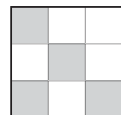
DESCRIPTION	STANDARD TEST	MEASUREMENT UNIT	ISO STANDARD REQUIREMENT	NIRO GRANITE
Length & Width	ISO 10545 -2	mm	±0.6% Max	±0.30% Max
Thickness	ISO 10545 -2	mm	±5.0% Max	±5.0% Max
Sides Straightness	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
Rectangularity	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
Flatness: a) Centre Curvature b) Edge Curvature c) Warpage	ISO 10545 -2 ISO 10545 -2 ISO 10545 -2	mm mm mm	±0.5% Max ±0.5% Max ±0.5% Max	±0.20% Max / Max 2.0mm ±0.20% Max / Max 2.0mm ±0.20% Max / Max 2.0mm
Surface Quality	ISO 10545 -2	One Major Area of Tiles	≥ 95% free from visible defect	Comply
Water Absorption	ISO 10545 -3	Mass	≤0.5%	≤0.20%
Breaking Strength	ISO 10545 -4	N	≥ 1300 N	≥ 1300 N
Modulus of Rupture	ISO 10545 -4	N/mm ²	≥ 35 N/mm ² Individual ≥ 32 N/mm ²	≥ 35 N/mm ² Individual ≥ 32 N/mm ²
Abrasion Resistance a) Deep Abrasion for unglazed tiles b) Surfaces Abrasion for glazed tiles	ISO 10545 -6 ISO 10545 -7	mm ³ Visual Check	≤ 175 mm ³ Manuf. to state abrasion class, cycle and passed	≤ 160 mm ³ ≥ PEI 3 (Dependent on product type / series)*
Crazing Test (glazed tiles)	ISO 10545 -11	Visual Check	No Sign of Crazing	No Sign of Crazing
Frost Resistance	ISO 10545 -12	Visual Check	Required	No Visible Crack
Chemical Resistance a) Low concentrations b) Household chemicals and swimming pool salts	ISO 10545 -13 ISO 10545 -13	Visual Check Visual Check	Manuf. To State ≥ Class B	Class A Class A Class B (Gemstone only)
Stain Resistance a) For unglazed tiles b) For glazed tiles	ISO 10545 -14 ISO 10545 -14	Visual Check Visual Check	Manuf. to State ≥ Class 3	≥ Class 3 ≥ Class 3
Slip Resistance (Slip-stop)	AS/NZS 4586 App. A	P0 to P5	Manuf. to State	Dry - min P2 Wet - min P4 (Dependent on product type / series)*

The technical specifications is only for rectified tiles. * Refer to test report for specific test result.



U1

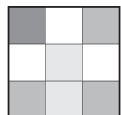
Uniform from tile to tile
The range of colours and tones within the same shade is relatively uniform from tile to tile.
Minimal to no difference among pieces from the same production run.



U2

Slightly noticeable from tile to tile
The range of colours and tones within the same shade is slightly noticeable from tile to tile.

Clearly distinguishable differences in design or pattern with similar or slight change in colour tones.



U3

Moderately noticeable from tile to tile
The range of colours and tones within the same shade is moderately noticeable from tile to tile.

Clearly distinguishable differences in design or pattern.



U4

Distinctly noticeable from tile to tile
The range of colours and tones within the same shade is distinctly different from tile to tile.

Random colour differences from tile to tile, so that one tile may have totally different colors from that on other tiles.
Final installation can be unique.

NIRO CERAMIC VIETNAM



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SLIP-STOP SURFACE



THE NEW REALM IN TILE REVOLUTION





SLIP-STOP SURFACE

THE NEW REALM IN TILE REVOLUTION

TIÊN PHONG TRONG CUỘC CÁCH MẠNG VỀ GẠCH

Presenting the Slip-Stop surface, a revolutionary product that offers smooth surface with multiple applications. The Slip-Stop surface is a special material that is infused into the glazed porcelain tile to increase the friction in wet conditions.

Giới thiệu bề mặt Slip-stop, dòng sản phẩm mang tính cách mạng đem đến bề mặt nhẵn mịn cho nhiều ứng dụng. Bề mặt Slip-Stop là chất liệu đặc biệt thẩm thấu vào lớp men gạch làm tăng ma sát khi bề mặt ướt.

This new technology has increased its versatility, where it can be used in both indoors and outdoors. This means the same stylish and trendy design can be applied from dry to wet kitchen, living room to patio, and entrance lobby to outdoor leaving you with seamless design.

Công nghệ mới này làm tăng tính linh hoạt của bề mặt Slip-stop, nó có thể được sử dụng ở cả trong nhà và ngoài trời. Điều này có nghĩa là cùng một thiết kế thời trang và phong cách có thể được áp dụng từ khu vực khô đến ướt ở nhà bếp, từ phòng khách đến sân và sảnh ra đến ngoài trời để tạo sự liền mạch cho thiết kế.

SLIP-STOP SURFACE, THE ONE SURFACE THAT MEETS DIVERSE NEEDS

GẠCH SLIP-STOP, MỘT DÒNG GẠCH CÓ BỀ MẶT TÍCH HỢP NHIỀU ỨNG DỤNG

Say goodbye to slips at home with revolutionary slip-stop tiles. Smooth surface that produces anti-slip effect when in contact with water.

Tạm biệt trơn trượt ở nhà bạn với cuộc cách mạng trong ngành gạch cùng dòng gạch Slip-stop. Bề mặt nhẵn mịn của gạch sẽ trở thành chống trượt khi tiếp xúc với nước.



Anti-Slip with high durability surface.
Bề mặt chống trượt với độ bền cao.



Excellent anti-slip effect when wet, resistance to accidents on slippery floors.
Khả năng chống trơn trượt tuyệt vời khi bị ướt, hạn chế những tai nạn do sàn trơn trượt.



Easy to clean and maintain, stain resistance.
Đễ dàng vệ sinh, chống bám bẩn.



Same series can be used indoors and outdoors creating seamless design.
Cùng một dòng gạch có thể sử dụng cả trong nhà và ngoài trời tạo nên thiết kế liền mạch.



LEGACY

The Astonishing Statement

3 COLOURS
MÀU
SILVER ASH . STEEL GREY . BLACK COPPER

2 SIZES
KÍCH THƯỚC
60x120cm . 60x60cm

1 SURFACE
BỀ MẶT
Slip-Stop **V3**

OUT DOOR

Floor
GLC02 - STEEL GREY
60x120 cm

IN DOOR

Floor
GLC02 - STEEL GREY
60x120 cm
Wall
GLC03 - BLACK COPPER
60x120 cm

WET AREA

Floor & Wall
GLC03 - BLACK COPPER
60x120 cm / 60x60 cm

DRY AREA

Floor & Wall
GLC01 - SILVER ASH
60x120 cm



PEDREGAL

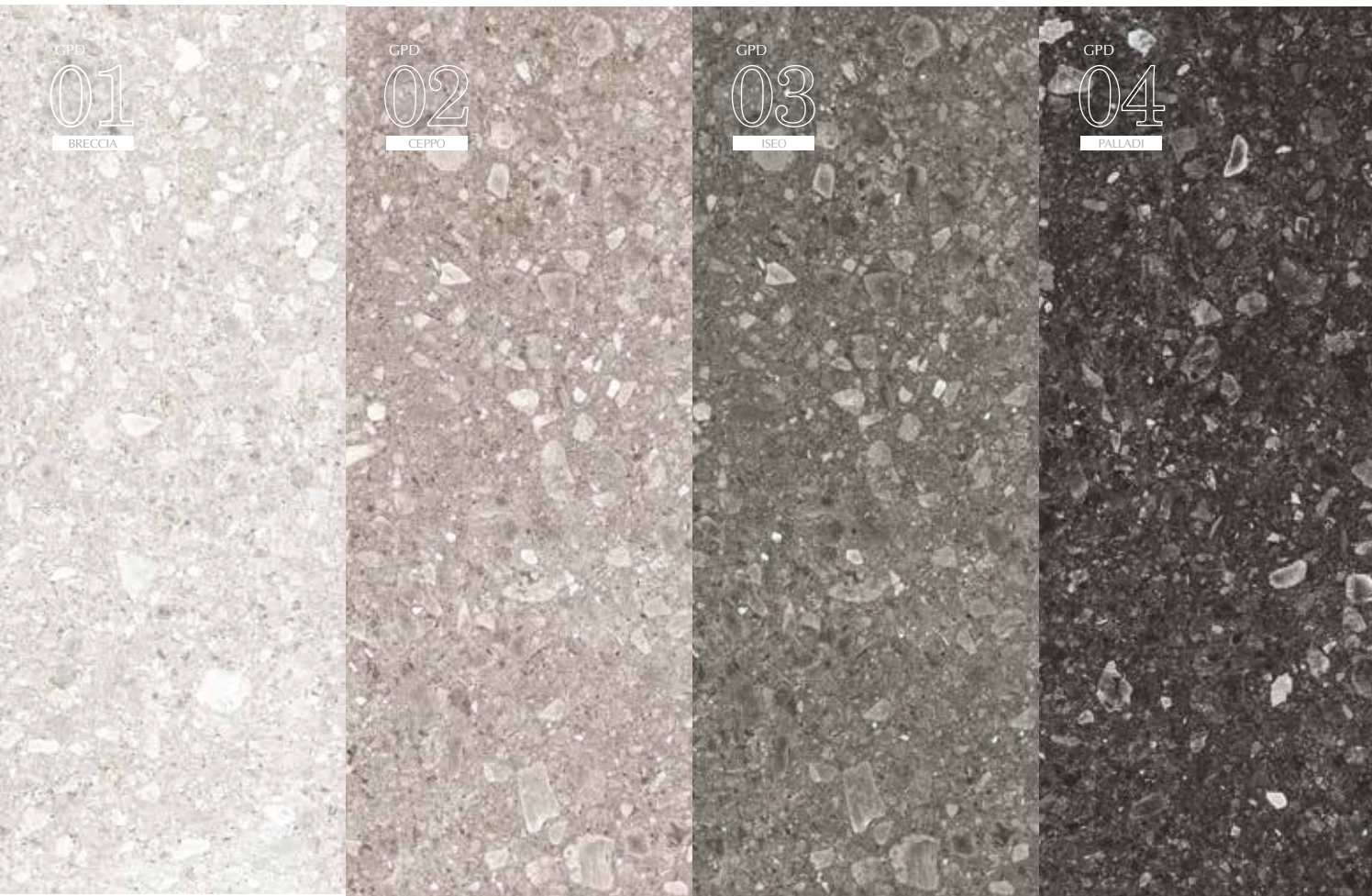
A conglomerate of expression

4 COLOURS
MÀU
BRECCIA . CEPPPO . ISEO . PALLADI

2 SIZES
KÍCH THƯỚC
60x120cm . 60x60cm

1 SURFACE
BỀ MẶT
Slip-Stop

V2



WET AREA

Floor & Wall
GPD01 - BRECCIA
60x120 cm / 60x60 cm

Floor
GPD04 - PALLADI
60x60 cm

OUT DOOR

Floor
GPD03 - ISEO
60x60 cm

DRY AREA

Floor
GLC01 - BRECCIA
60x60 cm

IN DOOR

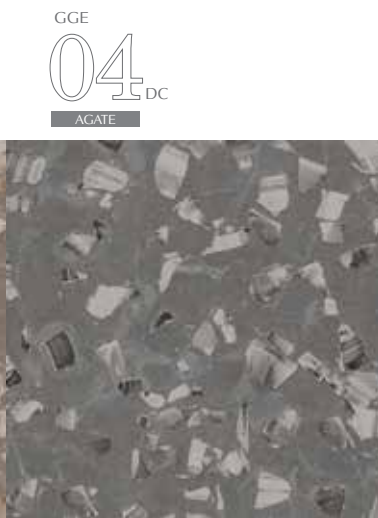
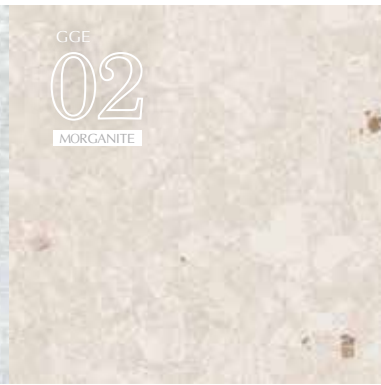
Floor
GPD03 - ISEO
60x120 cm

GEMSTONE

4 COLOURS
MÀU
WHITE OPAL . MORGANITE . JASPER . AGATE

1 SIZES
KÍCH THƯỚC
60x60cm

1 SURFACE
BỀ MẶT
Slip-Stop V3



WET AREA

Floor
GGE04 - AGATE
60x60 cm
Wall
GGE04DC - AGATE
60x60 cm

WET AREA

Floor
GGE01 - WHITE OPAL
60x60 cm
Wall
GGE01DC - WHITE OPAL
60x60 cm



.dry AREA
Khu vực khô ráo

DRY AREA

Floor & wall
GGE03 - JASPER
60x60 cm
Floor
GGE03DC - JASPER
60x60 cm

DRY AREA

Floor
GGE02 - MORGANITE
60x60 cm
Wall
GGE02DC - MORGANITE
60x60 cm



.dry AREA
Khu vực khô ráo

TRIBES

4 COLOURS
MÀU
LIGHT GREY . BEIGE . GREY . BROWN

1 SIZES
KÍCH THƯỚC
30x60cm

1 SURFACE
BỀ MẶT
Slip-Stop **V2**

GTB
01
LIGHT GREY

GTB
02
BEIGE

GTB
03
GREY

GTB
04
BROWN

WET AREA

Floor
GTB02 - BEIGE
30x60 cm

Wall
GTB01 - LIGHT GREY
30x60 cm



.wet AREA
khu vực ẩm ướt

DRY AREA

Floor
GTB04 - BROWN
30x60 cm



.dry AREA
Khu vực khô ráo

DRY AREA

Floor
GTB03 - GREY
30x60 cm

Wall
GTB01 - LIGHT GREY
30x60 cm



.dry AREA
Khu vực khô ráo