# WENGE

not timber, but definitely better.





At home or away from home, Wenge is designed to provide the psyche of being in Tropicana surrounds inspired by the decorative grains of timber from the Millenttia Laurentii tree. It has been innovatively adapted for flexibility in crossing colour dimensions for a contemporary presence in white, beige and grey.

It is not timber, but better. Wenge is created out of technology that provides both aesthetic value as well as practicality in befitting the very demands of today's lifestyle for convenience and easy maintenance. In polished surfaces and in sizes of 60x60cm and 80x40cm, it serves to embellish environs with an elegance that is understated and enduring.

# TECHNICAL SPECIFICATIONS

Description	Standard Test	Measurement Unit	ISO Standard Requirement	NIRO GRANITE
Length & Width	MS ISO 10545 - 2	mm	± 0.5% Max	± 0.25% Max
Thickness	MS ISO 10545 - 2	mm	± 5.0% Max	± 2.50% Max
Sides Straightness	MS ISO 10545 - 2	mm	± 0.5% Max	± 0.25% Max
Rectangularity	MS ISO 10545 - 2	mm	± 0.6% Max	± 0.30% Max
Flatness: a) Centre Curvature b) Edge Curvature c) Warpage	MS ISO 10545 - 2 MS ISO 10545 - 2 MS ISO 10545 - 2	mm mm mm	± 0.5% Max ± 0.5% Max ± 0.5% Max	± 0.25% Max ± 0.25% Max ± 0.25% Max
Surface Quality	MS ISO 10545 - 2	One major area of tiles	≥ 95% free from visible defect	Comply
Water Absorption	MS ISO 10545 - 3	Mass	≤ 0.5%	≤ 0.25% Max
Modulus of Rupture	MS ISO 10545 - 4	N/mm2	≥ 35 N/mm2	≥35 N/mm2
Deep Abrasion	MS ISO 10545 - 6	mm3	≤ 175 mm3	≤ 160 mm3
Surface Abrasion PEI ASTM C1027	MS ISO 10545 - 7	Visual Check	Manuf. to State Abrasion Class, Cycle Passed	Min PEI 3
Crazing Test	MS ISO 10545 - 11	Visual Check	Not Applicable for porcelain tiles	Not Applicable
Frost Resistance	MS ISO 10545 - 12	Visual Check	Required	No Visible Crack
Chemical Resistance (Low Cons.)	MS ISO 10545 - 13	Visual Check	Manuf. to State	Max Visible Change On Cut Side
Chemical Resistance (Household/Swimming Pool)	MS ISO 10545 - 13	Visual Check	Max Visible Change On Cut Side	Max Visible Change On Cut Side
Stain Resistance	MS ISO 10545 - 14	Visual Check	Class 3 Min	Class 3 Min
Coefficient of Friction AS/NZS 4586-1999 App.D.	MS ISO 10545 - 17	Manuf. to State	Manuf. to State	Oil /Wet Ramp (R9 Min)

Each different tiles series are produced to meet different performance requirements. For specific product technical performance, please request from Niro Granite sales team or their agent or distributor.

Colour, shade and glaze variations may exist due to the inherent characteristics of porcelain tile.







Due to the low porosity of porcelain tiles, an Improved High Performance Cementitious adhesive in accordance to B5 EN 12004 & 150 13007-1 is highly recommended for proper installation. Products that meet this standard are available amongst leading adhesive manufacturers. Please seek expert advice from adhesive manufacturers for proper selection and application.

#### SHADE AND TONALITIES





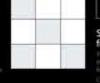








Uniform from tile to tile



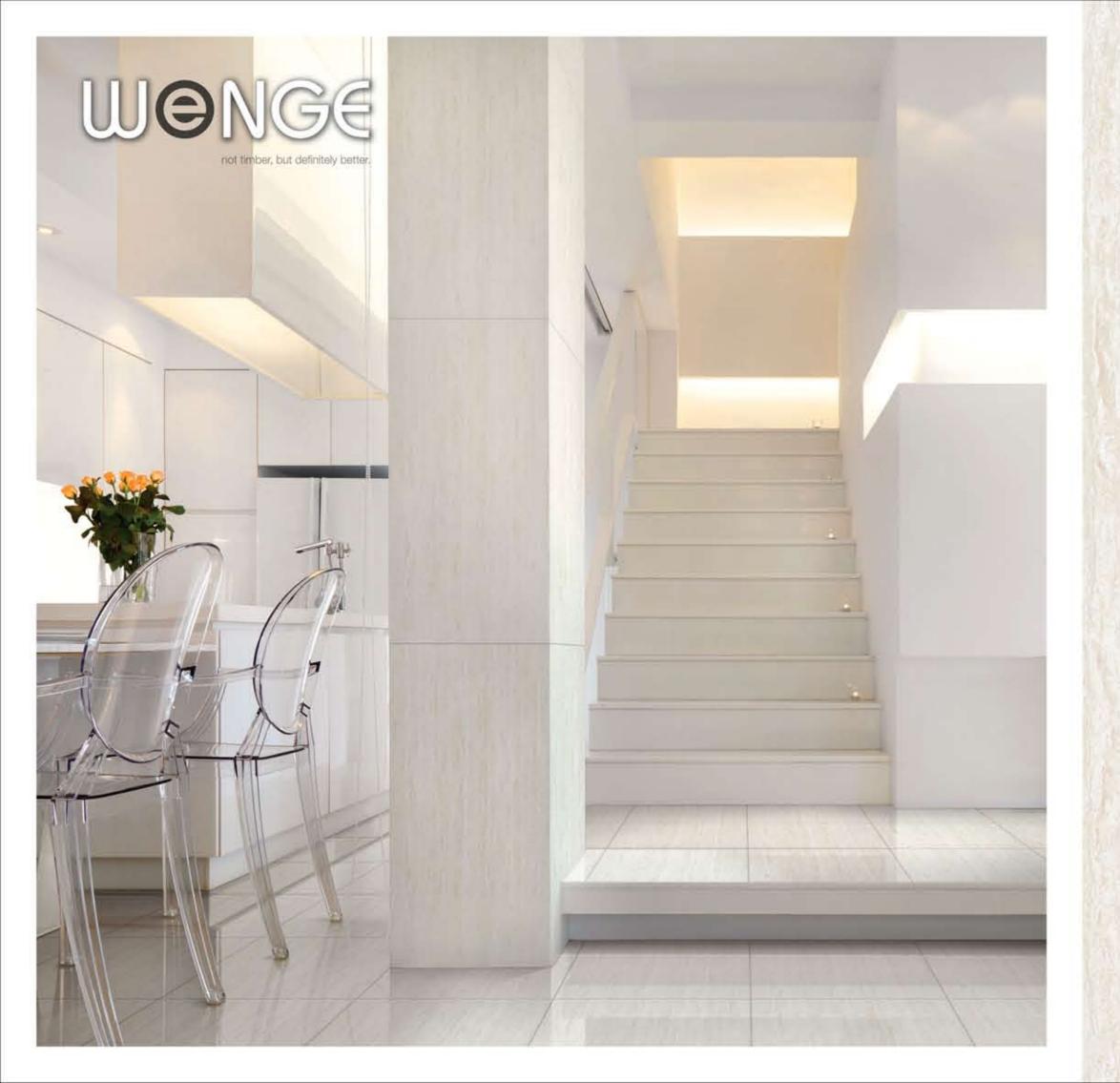














not timber, but definitely better.

#### PEARLY SHEENS OF WHITE

ALLURINGLY PURE AND A DISTINCTIVELY
APPEALING COMBINATION OF PEARLY WHITE ON
FINELY-GRAINED PATTERNS OF WOOD,
EACH PIECE OF WENGE MAY BE EVENLY MATCHED
OR CREATED IN MOSAICS OF DIFFERING SHADES
TO CREATE ILLUSIONS OF BEAUTY THAT ARE
UNPARALLELED.

WENGE IS MEANT TO PROVIDE VISIONS OF SPLENDOUR OF A BYGONE ERA IMMORTALIZED IN MODERN TIMES.

A.A.	69	·V	71:11	70
VIA	DI	O VI		11.77

60cm x 60cm

80cm x 40cm





### GOLDEN SHADES OF BEIGE

COMMERCIAL SPACE BE ENDEARED WITH THE
EVERGREEN – SPLASHED IN THE VARIED GOLDEN
TINTS OF TIMBER. AN EVOCATIVE FEATUREPIECE IS ASSURED WITH FLECKS IN SQUARES OF TAN.
BEIGE EARTH AND BROWNS.

not timber, but definitely better.

THE COLOURS OF BEIGE IS DESTINED FOR LASTING IMPRESSIONS,

#### GMA 62 · BEIGE

60cm x 60cm

80cm×40cm



# WONGE

not timber, but definitely better.

#### STATELY ENSEMBLES IN GREY

JUXTAPOSED TO THE HUES OF LIGHT, THERE ARE ALWAYS
COMPLEMENTARY COLOURS OF SOLEMNITY,
WE SUBSCRIBE TO VERSATILITY. WENGE IN STATELY
GREY WILL IMBUE A CLASSIC FEEL TO ANY SETTING,
BE IT FORMAL OR INFORMAL. THE DEEP COLOUR IS
ASSOCIATED WITH ALL THAT IS MUTED, SOOTHING,
COMFORTING, YET ULTRA-LUXURIOUS.

WHEN CLEVERLY-ARTICULATED WITH OTHER SHADES,
WENGE IS AN IRRESISTIBLE CHOICE TO PURSUE
EXCEPTIONAL LIVING AND WORKING AREAS.

GMA 63 · GREY

60cm x 60cm

80cm/x 40cm

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Colour Variations: Since the colour reproduction in this printed piece will vary from the actual tile colours, final selection should be made from tile samples. Colour, shade and glaze variations may exist due to the inherent characteristics of porcelain tile.







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ME

Slightly noticeable from tile to tile

#### SHADE AND TONALITIES























Distinctly noticeable from tile to tile