

SOFTWOOD

BE ECOLOGICAL | BE TRENDY

ecoforesta



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BE ECOLOGICAL | BE TRENDY



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SOFTWOOD // INTRODUCTION

Presenting EcoForesta, The latest inclination of today's world. The Glazed porcelain tile by Niro Granite reflects the prefix of ecology yet personifies the splendour of Mother Nature's wood work through the advancements of digital technology.

Presented in the size of 20x120cm with 4 astounding colours of Legna bianco, Legno Beigo, Marrone Legno, Legna Castano, the authenticity of the woodland serenity is perfectly manifested through Niro Granite's 100% ultra-fine and high resolution printing technology.

Exemplifying EcoForesta, be ecological, be trendy, be EcoForesta, the defined digital collection by Niro Granite... Just try to spot the difference between natural wood and EcoForesta.

ecoFORESTA

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LEGNA **BIANCO**
GDW01

SIZE

20x120

SURFACE

SLIGHTLY STRUCTURED

ACCESORIES

LISTELLO A,B,C



SOFTWOOD
FLOOR LEGNA BIANCO GDW01
WALL LEGNA BIANCO LISTELLO A
120x20



SOFTWOOD
LEGNA BIANCO GDW01
120x20

LEGNA **BIANCO**
GDW01



LEGNA BIANCO GDW01 | 120x20



LEGNA BIANCO LISTELLO A | 120x20



LEGNA BIANCO LISTELLO B | 120x20



LEGNA BIANCO LISTELLO C | 120x20

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SOFTWOOD
FLOOR LEGNO BEIGO GDW02
WALL LEGNO BEIGO + LISTELLO A
120x20

LEGNO **BEIGO**
GDW02

SIZE

20x120

SURFACE

SLIGHTLY STRUCTURED

ACCESORIES

LISTELLO A,B,C





SOFTWOOD
LEGNO BEIGO GDW02
120x20

LEGNO **BEIGO**
GDW02



LEGNO BEIGO GDW02 | 120x20



LEGNO BEIGO LISTELLO A | 120x20



LEGNO BEIGO LISTELLO B | 120x20



LEGNO BEIGO LISTELLO C | 120x20

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MARRONE **LEGNO**
GDW03

SIZE
20x120

SURFACE
SLIGHTLY STRUCTURED

ACCESSORIES
LISTELLO A,B,C



SOFTWOOD
FLOOR MARRONE LEGNO GDW03
WALL MARRONE LEGNO LISTELLO C
120x20

SOFTWOOD
MARRONE LEGNO GDW03 + LISTELLO B
120x20



MARRONE LEGNO GDW03 | 120x20



MARRONE LEGNO LISTELLO A | 120x20



MARRONE LEGNO LISTELLO B | 120x20



MARRONE LEGNO LISTELLO C | 120x20



SOFTWOOD
LEGNA CASTANO GDW04 + LISTELLO C
120x20

LEGNA **CASTANO**
GDW04

SIZE

20x120

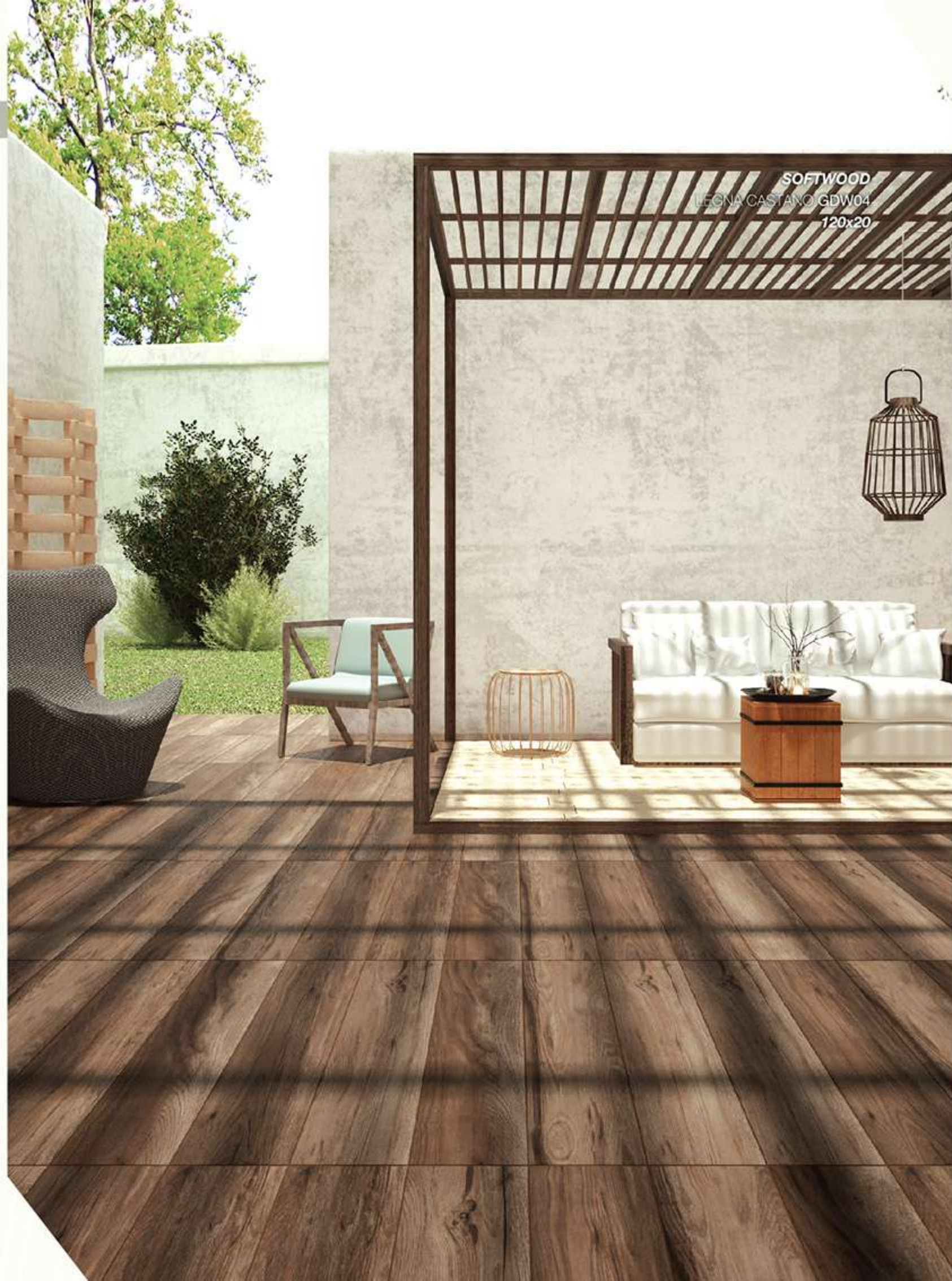
SURFACE

SLIGHTLY STRUCTURED

ACCESORIES

LISTELLO A,B,C





SOFTWOOD
LEGNA CASTANO GDW04
120x20

LEGNA **CASTANO**
GDW04



LEGNA CASTANO GDW04 | 120x20



LEGNA CASTANO LISTELLO A | 120x20

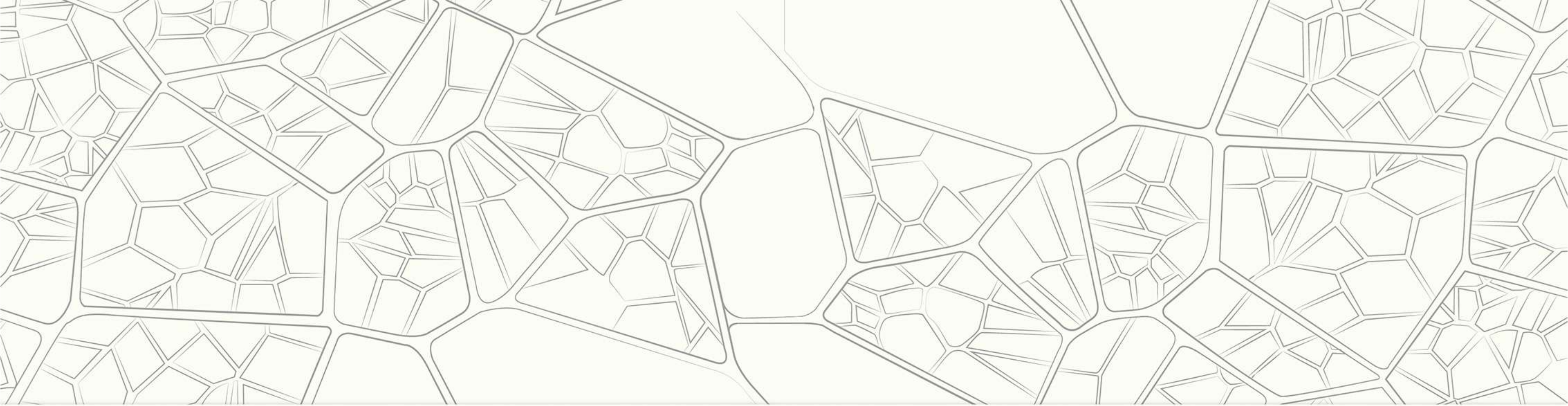


LEGNA CASTANO LISTELLO B | 120x20



LEGNA CASTANO LISTELLO C | 120x20

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SOFTWOOD
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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/mm ²	≥ 35 N/mm ²	≥ 35 N/mm ²
Deep Abrasion	MS ISO 10545 - 6	mm ³	≤ 175 mm ³	≤ 160 mm ³
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)






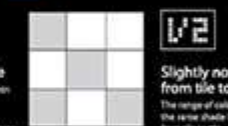
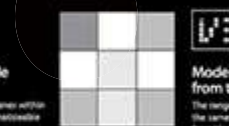

Each different tiles series are produced to meet different performance requirements. For specific product technical performance, please request from Niro Granite sales team or their agent or distributor.

Colour 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.



Due to the low porosity of porcelain tiles, an Improved High Performance Cementitious adhesive in accordance to BS EN 12004 & ISO 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		SLIGHTLY NOTICEABLE FROM TILE TO TILE		MODERATELY NOTICEABLE FROM TILE TO TILE		DISTINCTLY NOTICEABLE FROM TILE TO TILE
	L1 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.		L2 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 subtle or slight change in colour tones.		L3 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.		L4 Distinctly noticeable from tile to tile The range of colours and tones within the same shade is distinctly different from tile to tile. Reasonable colour differences from tile to tile, so that even the most subtle, slightly different areas from the same shade tiles.

