

**P**

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PORTINO

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STONEWARE



PORTINO

## STONEWARE

Founded by the Romans, Portus Delphini ('Port of the Dolphin') after the dolphins that frolicked in the waters of the Tiguillian Gulf. Today, the Italian fishing village is famed for its picturesque harbour, its glittering blue-green waters and for the gentle curve of multicoloured pastel houses that line the seafront. It is the perfect combination of historic style and modern relaxation.

Combining inspirations from Portus Delpini and the essence of this chic lifestyle experience with its expertise in high-end tile design to offer the *Portino* collection - an unbeatable range of tiles traditionally designed and manufactured using the latest technological advancements. *Portino* suits any living space.

With its distinctive tile design etched in matching natural colours and available in a variety of sizes, *Portino* will reinforce your home's story. It is trendy without being boring; affordable without being cheap; the perfect choice for anyone who wants to add a creative and imaginative design element to their home without sacrificing style.





# STONEWARE

**H**<sub>5</sub>SERIES   **B**<sub>5</sub>SERIES   **R**<sub>5</sub>SERIES   **I**<sub>5</sub>SERIES   **D**<sub>5</sub>SERIES

# H 5 series

SURFACE



SIZE  
30x60cm  
60x60cm

SHADE VARIATION



WHITE

PH5 01



BEIGE

PH5 02



GREY

PH5 03



GRAPHITE

PH5 04



# B5 series

SURFACE



SIZE  
30x60cm

SHADE VARIATION



**WHITE** PB5 01



**BEIGE** PB5 02



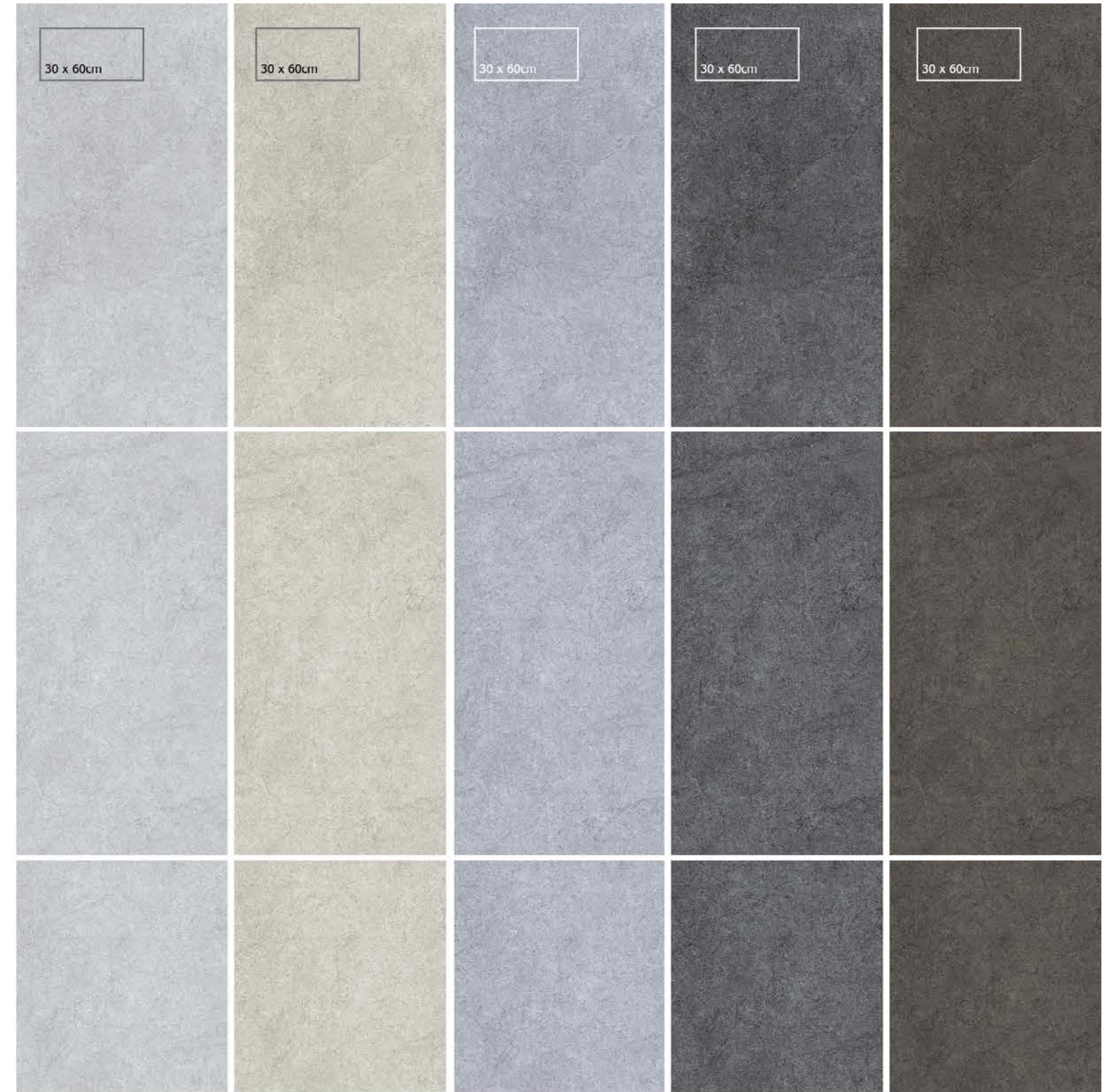
**GREY** PB5 03



**GRAPHITE** PB5 04



**BROWN** PB5 05



# R<sub>5</sub> series

SURFACE



SIZE  
30x60cm  
60x60cm

SHADE VARIATION



**WHITE**

PR5 01



**BEIGE**

PR5 02



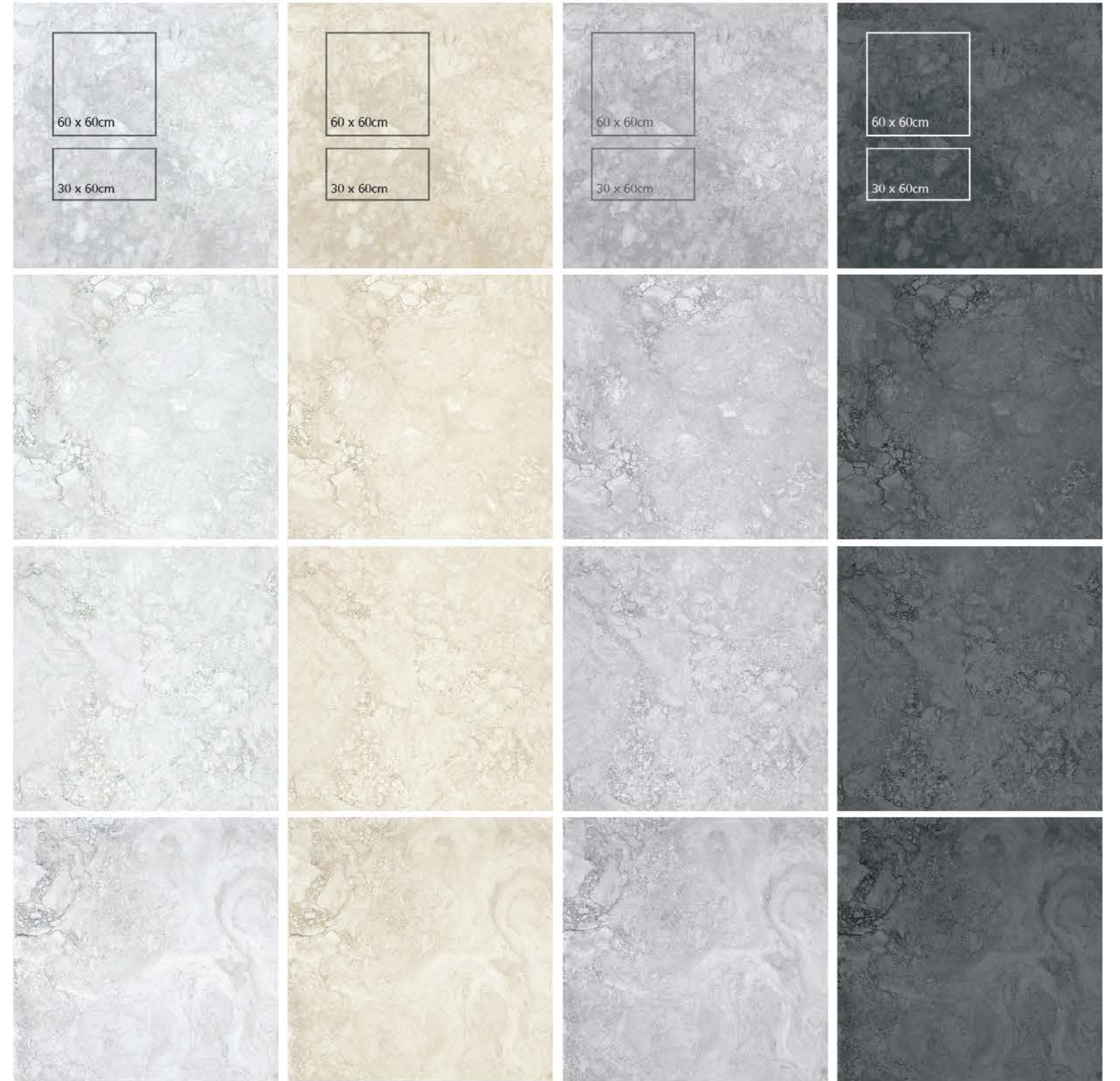
**GREY**

PR5 03



**GRAPHITE**

PR5 04



# 15 series

SURFACE



SIZE  
30x60cm  
60x60cm

SHADE VARIATION



WHITE

PI5 01



BEIGE

PI5 02



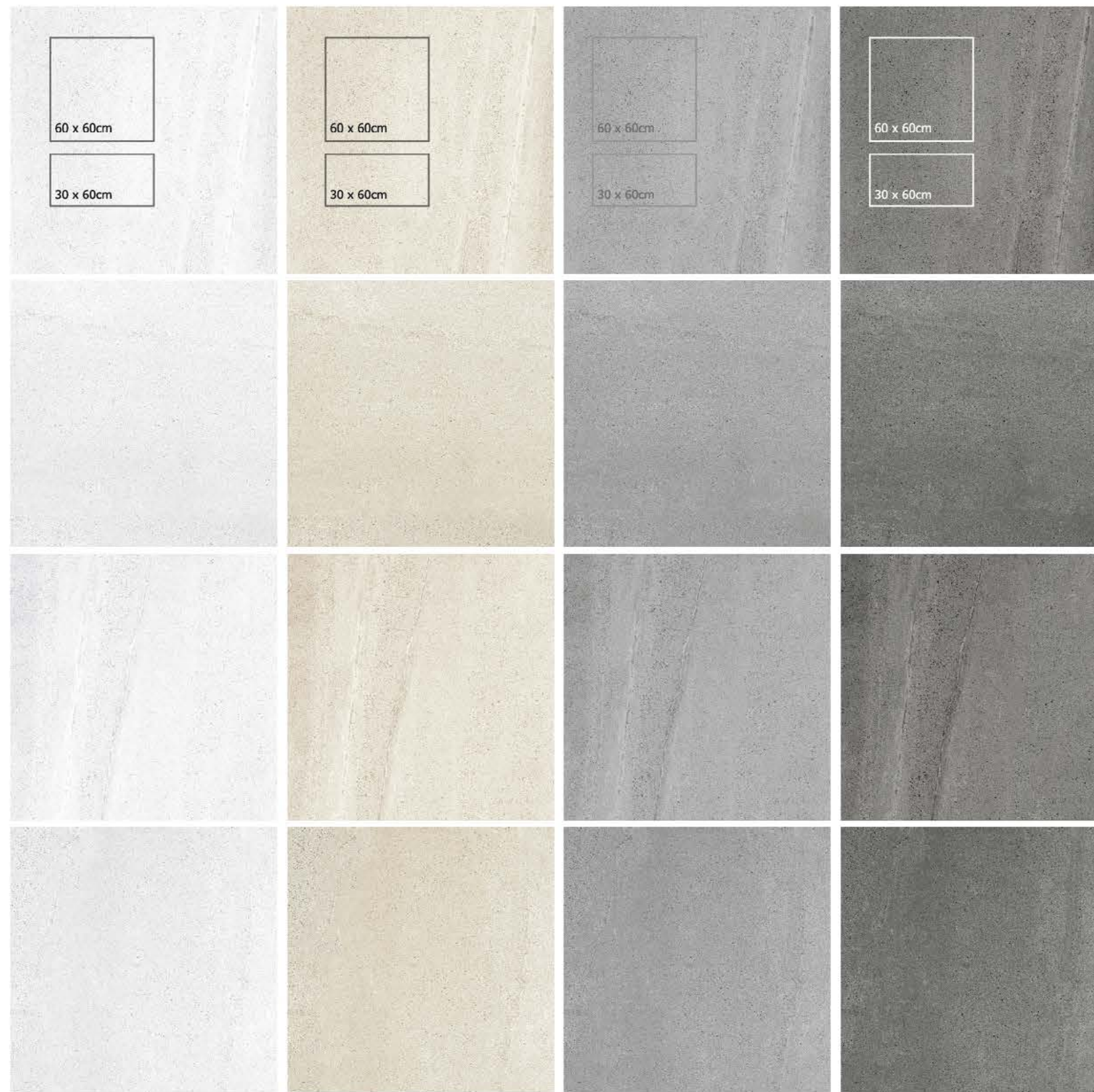
GREY

PI5 03



GRAPHITE

PI5 04



# D5 series

SURFACE

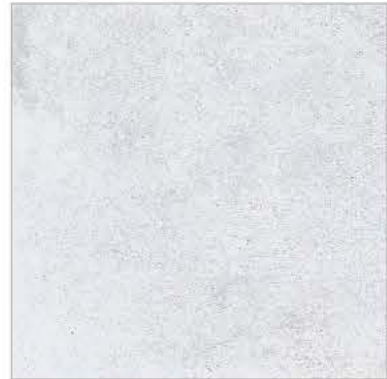


SIZE  
30x60cm  
60x60cm

SHADE VARIATION



**WHITE** PD5 01



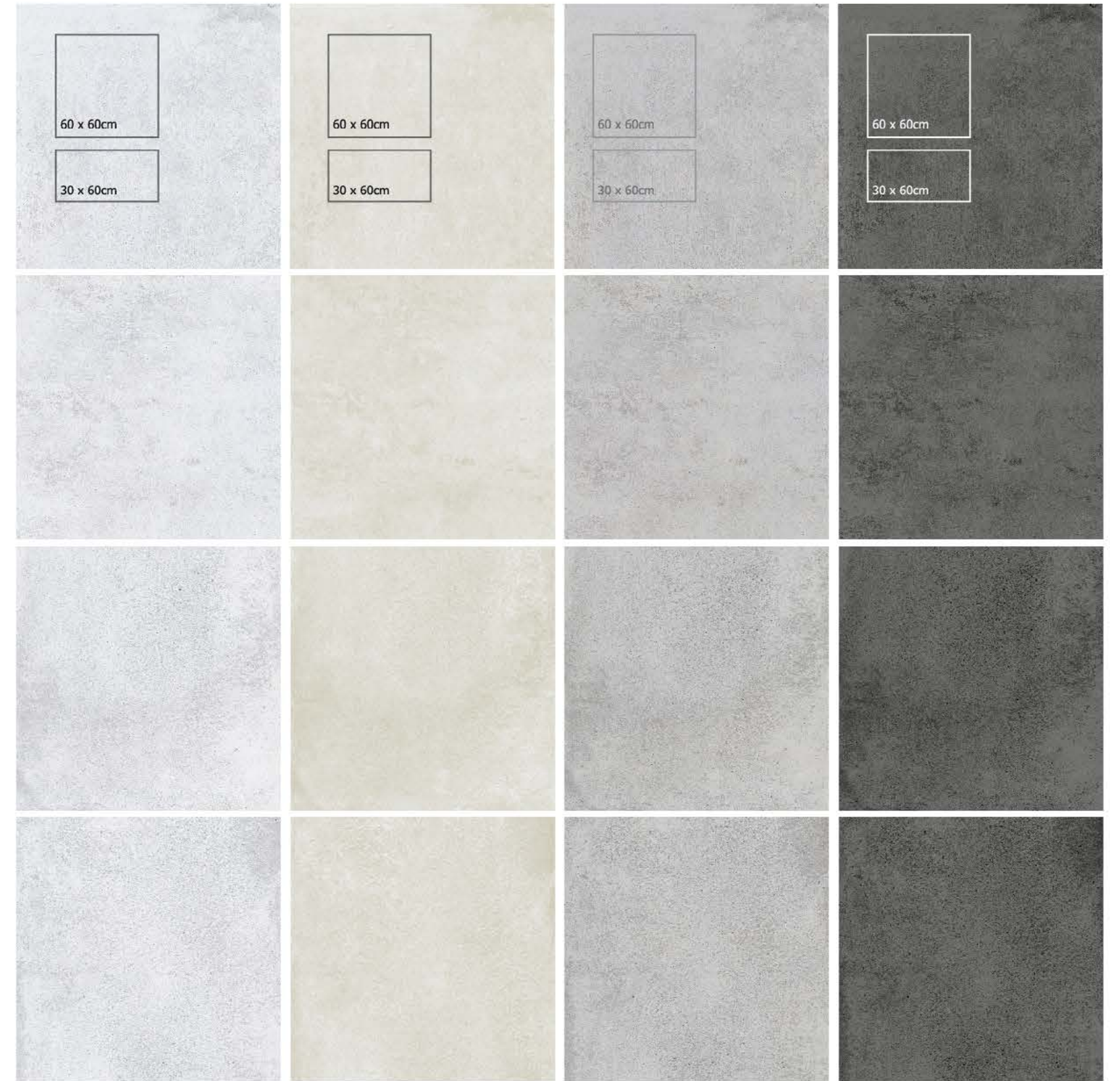
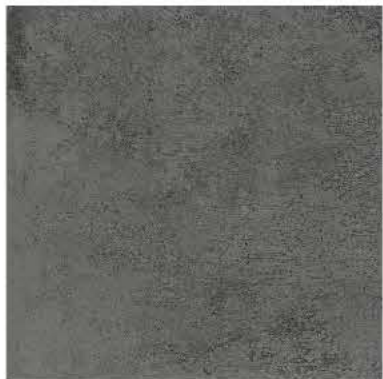
**BEIGE** PD5 02



**GREY** PD5 03



**GRAPHITE** PD5 04





**H**<sub>5</sub> SERIES

SURFACE **M** MATT

SIZE 30x60cm 60x60cm

**WHITE PH5 01** **BEIGE PH5 02**



60 x 60cm



60 x 60cm



30 x 60cm



30 x 60cm

**GREY PH5 03** **GRAPHITE PH5 04**



60 x 60cm



60 x 60cm



30 x 60cm



30 x 60cm

**B**<sub>5</sub> SERIES

SURFACE **M** MATT **S** STRUCTURED

SIZE 30x60cm

**WHITE PB5 01** **BEIGE PB5 02**



30 x 60cm



30 x 60cm

**GREY PB5 03** **GRAPHITE PB5 04**



30 x 60cm



30 x 60cm

**BROWN PB5 05**



30 x 60cm

**R**<sub>5</sub> SERIES

SURFACE **M** MATT

SIZE 30x60cm 60x60cm

**WHITE PR5 01** **BEIGE PR5 02**



60 x 60cm



60 x 60cm



30 x 60cm



30 x 60cm

**GREY PR5 03** **GRAPHITE PR5 04**



60 x 60cm



60 x 60cm



30 x 60cm



30 x 60cm

**I**<sub>5</sub> SERIES

SURFACE **M** MATT

SIZE 30x60cm 60x60cm

**WHITE PI5 01** **BEIGE PI5 02**



60 x 60cm



60 x 60cm



30 x 60cm



30 x 60cm

**GREY PI5 03** **GRAPHITE PI5 04**



60 x 60cm



60 x 60cm



30 x 60cm



30 x 60cm

**D**<sub>5</sub> SERIES

SURFACE **M** MATT

SIZE 30x60cm 60x60cm

**WHITE PD5 01** **BEIGE PD5 02**



60 x 60cm



60 x 60cm



30 x 60cm



30 x 60cm

**GREY PD5 03** **GRAPHITE PD5 04**



60 x 60cm



60 x 60cm



30 x 60cm



30 x 60cm

# TECHNICAL SPECIFICATION

DESCRIPTION	STANDARD TEST	MEASUREMENT UNIT	STONEWARE (Group B <sub>1</sub> )
Length & Width	EN ISO 10545 -2	mm	± 0.6% Max
Thickness	EN ISO 10545 -2	mm	± 5.0% Max
Sides Straightness	EN ISO 10545 -2	mm	± 0.5% Max
Rectangularity	EN ISO 10545 -2	mm	± 0.5% Max
Flatness: a) Centre Curvature	EN ISO 10545 -2	mm	+0.5%
b) Edge Curvature	EN ISO 10545 -2	mm	±0.5%
c) Warpage	EN ISO 10545 -2	mm	± 0.5%
Surface Quality	MS ISO 10545 -2	One Major Area of Tiles	≥ 95% free from visible defect
Water Absorption	EN ISO 10545 -3	Mass	0.5% < Eb ≤ 3%
Breaking Strength a) Thickness ≥ 7.5mm	EN ISO 10545 -4	Visual Check	Not less than 1100N
Modulus of Rupture	EN ISO 10545 -4	N/mm <sup>2</sup>	≥ 30 N/mm <sup>2</sup>
Abrasion Resistance a) Deep Abrasion for unglazed tiles	EN ISO 10545 -6	mm <sup>3</sup>	≤ 175 mm <sup>3</sup>
b) Surface Abrasion for glazed tiles	EN ISO 10545 -7	Visual Check	Abrasion Class and Cycle Passed
Frost Resistance	EN ISO 10545 -12	Visual Check	Required (where frost exist)
Chemical Resistance (Low Cons.) a) Low concentrations	EN ISO 10545 -13	Visual Check	Manuf. to State Classification
b) Household Chemicals and Swimming Pool Salts	EN ISO 10545 -13	Visual Check	Min. Class B
Stain Resistance	MS ISO 10545 -14	Visual Check	Min. Class 3
Coefficient of Friction AS/NZS 4586-1999 App.D.	MS ISO 10545 -17	Manuf. To State	Manuf. to State Classification

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



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