CARMEN
true tiles

HEXA SINTRA ICE WHITE 13,9X16

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041030	13,9X16	8,90	PC BIA GL

DIMENSIONS AND SURFACE PROPERTIES

Size, thickness, side straightness, flatness, orthogonality	UNE-EN 14411	It accomplished all requeriments

PHYSICAL PROPERTIES

Water absorption capacity	EN ISO 10545-03	< 0,5%
Flexion resistance	EN ISO 10545-04	=> 35 N/mm^2
Abrasion resistance (glazed Ceramic)	EN ISO10545-07	IV
Thermal shock resistance	EN ISO 10545-09	It stands the test
Cracking resistance	EN ISO 10545-11	It stands the test
Frost resistance	EN ISO 10545-12	It stands the test

CHEMICAL PROPERTIES

Resistance to acids	EN ISO 10545-13	GHA
Resistance to alcalis	EN ISO 10545-13	GLA
Resistance to cleaning products	EN ISO 10545-13	GB
Resistance to chemical products in swimming pool water	EN ISO 10545-13	GB
Stains resistance	EN ISO 10545-14	3

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles

SINTRA ICE WHITE 12,4X12,4

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041012	12,4X12,4	10,30	REVESTI

DIMENSIONS AND SURFACE PROPERTIES

Size, thickness, side straightness, flatness, orthogonality	UNE-EN 14411	It accomplished all requeriments

PHYSICAL PROPERTIES

Water absorption capacity	EN ISO 10545-03	>10%
Flexion resistance	EN ISO 10545-04	=>12 N/mm^2
Thermal shock resistance	EN ISO 10545-09	It stands the test
Cracking resistance	EN ISO 10545-11	It stands the test

CHEMICAL PROPERTIES

Resistance to acids	EN ISO 10545-13	GHA
Resistance to alcalis	EN ISO 10545-13	GLA
Resistance to cleaning products	EN ISO 10545-13	GB
Resistance to chemical products in swimming pool water	EN ISO 10545-13	GB
Stains resistance	EN ISO 10545-14	3

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles

MADEIRA ICE WHITE 11,5X11,5

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041685	11,5X11,5	9,30	PC BIA GL

DIMENSIONS AND SURFACE PROPERTIES

PHYSICAL PROPERTIES

Frost resistance	EN ISO 10545-12	It stands the test

CHEMICAL PROPERTIES

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



HEXA SINTRA SAND 13,9X16

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041032	13,9X16	8,20	PC BIA GL

DIMENSIONS AND SURFACE PROPERTIES

Size, thickness, side straightness, flatness, orthogonality	UNE-EN 14411	It accomplished all requeriments

PHYSICAL PROPERTIES

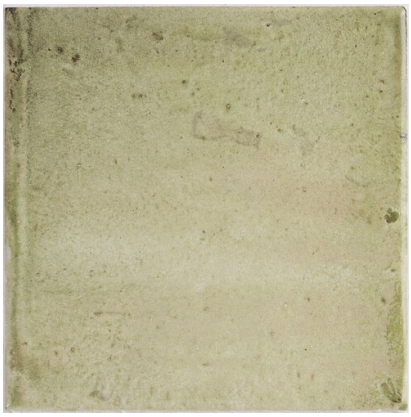
Water absorption capacity	EN ISO 10545-03	< 0,5%
Flexion resistance	EN ISO 10545-04	=> 35 N/mm^2
Abrasion resistance (glazed Ceramic)	EN ISO10545-07	III
Thermal shock resistance	EN ISO 10545-09	It stands the test
Cracking resistance	EN ISO 10545-11	It stands the test
Frost resistance	EN ISO 10545-12	It stands the test

CHEMICAL PROPERTIES

Resistance to acids	EN ISO 10545-13	GHA
Resistance to alcalis	EN ISO 10545-13	GLA
Resistance to cleaning products	EN ISO 10545-13	GB
Resistance to chemical products in swimming pool water	EN ISO 10545-13	GB
Stains resistance	EN ISO 10545-14	3

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



SINTRA SAND 12,4X12,4

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A040966	12,4X12,4	10,00	REVESTI

DIMENSIONS AND SURFACE PROPERTIES

Size, thickness, side straightness, flatness, orthogonality	UNE-EN 14411	It accomplished all requeriments

PHYSICAL PROPERTIES

Water absorption capacity	EN ISO 10545-03	>10%
Flexion resistance	EN ISO 10545-04	=>12 N/mm^2
Thermal shock resistance	EN ISO 10545-09	It stands the test
Cracking resistance	EN ISO 10545-11	It stands the test

CHEMICAL PROPERTIES

Resistance to acids	EN ISO 10545-13	GHA
Resistance to alcalis	EN ISO 10545-13	GLA
Resistance to cleaning products	EN ISO 10545-13	GB
Resistance to chemical products in swimming pool water	EN ISO 10545-13	GB
Stains resistance	EN ISO 10545-14	3

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



MADEIRA SAND 11,5X11,5

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041684	11,5X11,5	8,60	PC BIA GL

DIMENSIONS AND SURFACE PROPERTIES

PHYSICAL PROPERTIES

Frost resistance	EN ISO 10545-12	It stands the test

CHEMICAL PROPERTIES

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



HEXA SINTRA OLIVE GREEN 13,9X16

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041029	13,9X16	8,30	PC BIA GL

DIMENSIONS AND SURFACE PROPERTIES

Size, thickness, side straightness, flatness, orthogonality	UNE-EN 14411	It accomplished all requeriments

PHYSICAL PROPERTIES

Water absorption capacity	EN ISO 10545-03	< 0,5%
Flexion resistance	EN ISO 10545-04	=> 35 N/mm^2
Abrasion resistance (glazed Ceramic)	EN ISO10545-07	III
Thermal shock resistance	EN ISO 10545-09	It stands the test
Cracking resistance	EN ISO 10545-11	It stands the test
Frost resistance	EN ISO 10545-12	It stands the test

CHEMICAL PROPERTIES

Resistance to acids	EN ISO 10545-13	GHA
Resistance to alcalis	EN ISO 10545-13	GLA
Resistance to cleaning products	EN ISO 10545-13	GB
Resistance to chemical products in swimming pool water	EN ISO 10545-13	GB
Stains resistance	EN ISO 10545-14	3

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



SINTRA OLIVE GREEN 12,4X12,4

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A040965	12,4X12,4	10,00	REVESTI

DIMENSIONS AND SURFACE PROPERTIES

Size, thickness, side straightness, flatness, orthogonality	UNE-EN 14411	It accomplished all requeriments

PHYSICAL PROPERTIES

Water absorption capacity	EN ISO 10545-03	>10%
Flexion resistance	EN ISO 10545-04	=>12 N/mm^2
Thermal shock resistance	EN ISO 10545-09	It stands the test
Cracking resistance	EN ISO 10545-11	It stands the test

CHEMICAL PROPERTIES

Resistance to acids	EN ISO 10545-13	GHA
Resistance to alcalis	EN ISO 10545-13	GLA
Resistance to cleaning products	EN ISO 10545-13	GB
Resistance to chemical products in swimming pool water	EN ISO 10545-13	GB
Stains resistance	EN ISO 10545-14	3

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



MADEIRA OLIVE GREEN 11,5X11,5

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041683	11,5X11,5	8,80	PC BIA GL

DIMENSIONS AND SURFACE PROPERTIES

PHYSICAL PROPERTIES

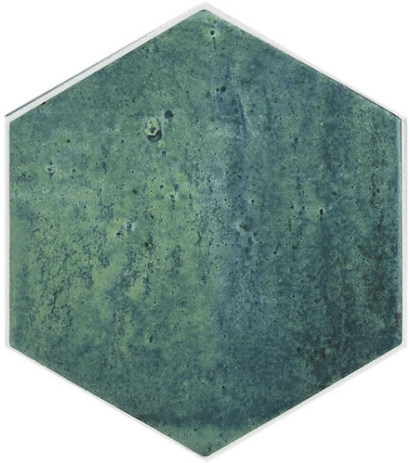
Frost resistance	EN ISO 10545-12	It stands the test

CHEMICAL PROPERTIES

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



HEXA SINTRA EMERALD GREEN

13,9X16

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041026	13,9X16	8,40	PC BIA GL

DIMENSIONS AND SURFACE PROPERTIES

Size, thickness, side straightness, flatness, orthogonality	UNE-EN 14411	It accomplished all requeriments

PHYSICAL PROPERTIES

Water absorption capacity	EN ISO 10545-03	< 0,5%
Flexion resistance	EN ISO 10545-04	=> 35 N/mm^2
Abrasion resistance (glazed Ceramic)	EN ISO10545-07	III
Thermal shock resistance	EN ISO 10545-09	It stands the test
Cracking resistance	EN ISO 10545-11	It stands the test
Frost resistance	EN ISO 10545-12	It stands the test

CHEMICAL PROPERTIES

Resistance to acids	EN ISO 10545-13	GHA
Resistance to alcalis	EN ISO 10545-13	GLA
Resistance to cleaning products	EN ISO 10545-13	GB
Resistance to chemical products in swimming pool water	EN ISO 10545-13	GB
Stains resistance	EN ISO 10545-14	3

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



SINTRA EMERALD GREEN 12,4X12,4

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A040964	12,4X12,4	10,00	REVESTI

DIMENSIONS AND SURFACE PROPERTIES

Size, thickness, side straightness, flatness, orthogonality	UNE-EN 14411	It accomplished all requeriments

PHYSICAL PROPERTIES

Water absorption capacity	EN ISO 10545-03	>10%
Flexion resistance	EN ISO 10545-04	=>12 N/mm^2
Thermal shock resistance	EN ISO 10545-09	It stands the test
Cracking resistance	EN ISO 10545-11	It stands the test

CHEMICAL PROPERTIES

Resistance to acids	EN ISO 10545-13	GHA
Resistance to alcalis	EN ISO 10545-13	GLA
Resistance to cleaning products	EN ISO 10545-13	GB
Resistance to chemical products in swimming pool water	EN ISO 10545-13	GB
Stains resistance	EN ISO 10545-14	3

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



MADEIRA EMERALD GREEN

11,5X11,5

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041680	11,5X11,5	8,90	PC BIA GL

DIMENSIONS AND SURFACE PROPERTIES

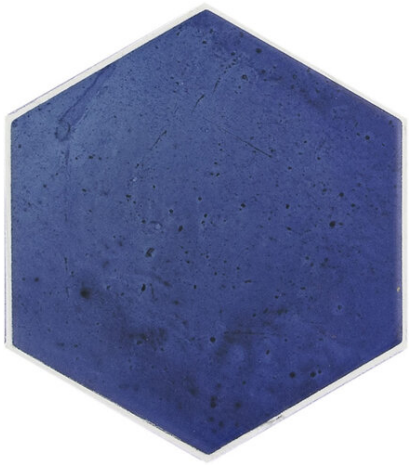
PHYSICAL PROPERTIES

Frost resistance	EN ISO 10545-12	It stands the test

CHEMICAL PROPERTIES

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



HEXA SINTRA MISTY BLUE 13,9X16

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041031	13,9X16	8,50	PC BIA GL

DIMENSIONS AND SURFACE PROPERTIES

Size, thickness, side straightness, flatness, orthogonality	UNE-EN 14411	It accomplished all requeriments

PHYSICAL PROPERTIES

Water absorption capacity	EN ISO 10545-03	< 0,5%
Flexion resistance	EN ISO 10545-04	=> 35 N/mm^2
Abrasion resistance (glazed Ceramic)	EN ISO10545-07	III
Thermal shock resistance	EN ISO 10545-09	It stands the test
Cracking resistance	EN ISO 10545-11	It stands the test
Frost resistance	EN ISO 10545-12	It stands the test

CHEMICAL PROPERTIES

Resistance to acids	EN ISO 10545-13	GHA
Resistance to alcalis	EN ISO 10545-13	GLA
Resistance to cleaning products	EN ISO 10545-13	GB
Resistance to chemical products in swimming pool water	EN ISO 10545-13	GB
Stains resistance	EN ISO 10545-14	3

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



SINTRA MISTY BLUE 12,4X12,4

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041013	12,4X12,4	9,60	REVESTI

DIMENSIONS AND SURFACE PROPERTIES

Size, thickness, side straightness, flatness, orthogonality	UNE-EN 14411	It accomplished all requeriments

PHYSICAL PROPERTIES

Water absorption capacity	EN ISO 10545-03	>10%
Flexion resistance	EN ISO 10545-04	=>12 N/mm^2
Thermal shock resistance	EN ISO 10545-09	It stands the test
Cracking resistance	EN ISO 10545-11	It stands the test

CHEMICAL PROPERTIES

Resistance to acids	EN ISO 10545-13	GHA
Resistance to alcalis	EN ISO 10545-13	GLA
Resistance to cleaning products	EN ISO 10545-13	GB
Resistance to chemical products in swimming pool water	EN ISO 10545-13	GB
Stains resistance	EN ISO 10545-14	3

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



MADEIRA MISTY BLUE 11,5X11,5

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041687	11,5X11,5	9,20	PC BIA GL

DIMENSIONS AND SURFACE PROPERTIES

PHYSICAL PROPERTIES

Frost resistance	EN ISO 10545-12	It stands the test

CHEMICAL PROPERTIES

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



FLORIS ICE WHITE MIX 12,4X12,4

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041207	12,4X12,4	9,60	REVESTI

DIMENSIONS AND SURFACE PROPERTIES

Size, thickness, side straightness, flatness, orthogonality	UNE-EN 14411	It accomplished all requeriments

PHYSICAL PROPERTIES

Water absorption capacity	EN ISO 10545-03	>10%
Flexion resistance	EN ISO 10545-04	=>12 N/mm^2
Thermal shock resistance	EN ISO 10545-09	It stands the test
Cracking resistance	EN ISO 10545-11	It stands the test

CHEMICAL PROPERTIES

Resistance to acids	EN ISO 10545-13	GHA
Resistance to alcalis	EN ISO 10545-13	GLA
Resistance to cleaning products	EN ISO 10545-13	GB
Resistance to chemical products in swimming pool water	EN ISO 10545-13	GB
Stains resistance	EN ISO 10545-14	3

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.

CARMEN
true tiles



PRADO ICE WHITE MIX 12,4X12,4

REFERENCE	SIZE (cm)	THICKNESS (mm)	GROUP
A041068	12,4X12,4	10,10	REVESTI

DIMENSIONS AND SURFACE PROPERTIES

Size, thickness, side straightness, flatness, orthogonality	UNE-EN 14411	It accomplished all requeriments

PHYSICAL PROPERTIES

Water absorption capacity	EN ISO 10545-03	>10%
Flexion resistance	EN ISO 10545-04	=>12 N/mm^2
Thermal shock resistance	EN ISO 10545-09	It stands the test
Cracking resistance	EN ISO 10545-11	It stands the test

CHEMICAL PROPERTIES

Resistance to acids	EN ISO 10545-13	GHA
Resistance to alcalis	EN ISO 10545-13	GLA
Resistance to cleaning products	EN ISO 10545-13	GB
Resistance to chemical products in swimming pool water	EN ISO 10545-13	GB
Stains resistance	EN ISO 10545-14	3

apegrupo

This document is commercial, with an informative nature relative to tested pieces. It cannot be used in legal or administrative proceedings, nor as an expert opinion or documentary proof. Images are not contractual.