

QUALITY LABORATORY

MODEL

KD CALACATTA WHITE/P/12

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	DACC
	SURFACE FLATNESS		± 0.5 %	PASS
(3)	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
$\overline{}$	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	-	-
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 4	PASS
	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD CALACATTA WHITE/SAT/12

TYPE OF PRODUCT

UNGLAZED PORCELAIN (UGL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
(3)	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
•	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	< 175 mm^3	PASS
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 6	PASS
	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD BM CALACATTA WHITE/P/12/A

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

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	LENGTH AND WIDTH		±0.6 %	PASS
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(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
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	SURFACE FLATNESS		± 0.5 %	PASS
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	DEEP ABRASION RESISTANCE	ISO 10545-6	-	-
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 4	PASS
	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD BM CALACATTA WHITE/P/12/B

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
\odot	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
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	DEEP ABRASION RESISTANCE	ISO 10545-6	-	-
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 4	PASS
•	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD BM CALACATTA WHITE SAT/12/A

TYPE OF PRODUCT

UNGLAZED PORCELAIN (UGL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
(3)	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
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MODEL

KD BM CALACATTA WHITE/SAT/12/B

TYPE OF PRODUCT

UNGLAZED PORCELAIN (UGL)

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MODEL

KD BMU CALACATTA WHITE/P/12

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
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	SURFACE FLATNESS		± 0.5 %	PASS
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MODEL

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TYPE OF PRODUCT

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QUALITY LABORATORY

MODEL

KD CALACATTA GOLD/P/12

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

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	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
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QUALITY LABORATORY

MODEL

KD CREAM/P/12

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
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	SURFACE FLATNESS		± 0.5 %	PASS
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QUALITY LABORATORY

MODEL

KD CREAM/SAT/12

TYPE OF PRODUCT

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	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
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QUALITY LABORATORY

MODEL

KD SNOW/P/12

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
\odot	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
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	DEEP ABRASION RESISTANCE	ISO 10545-6	-	-
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QUALITY LABORATORY

MODEL

KD SNOW/SAT/12

TYPE OF PRODUCT

UNGLAZED PORCELAIN (UGL)

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QUALITY LABORATORY

MODEL

KD SAND/P/12

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

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(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
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	SURFACE FLATNESS		± 0.5 %	PASS
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MODEL

KD SAND/SAT/12

TYPE OF PRODUCT

UNGLAZED PORCELAIN (UGL)

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	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
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	SURFACE FLATNESS	-	± 0.5 %	PASS
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	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
Q	SURFACE QUALITY	ISO 10545-2	≥95%	PASS



QUALITY LABORATORY

MODEL

KD MYSTIC/P/12

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	DACC
	SURFACE FLATNESS		± 0.5 %	PASS
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	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
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•	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD MYSTIC/SAT/12

TYPE OF PRODUCT

UNGLAZED PORCELAIN (UGL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	DACC
	SURFACE FLATNESS		± 0.5 %	PASS
(3)	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	100 105 45 4	>1300 N	PASS
$\overline{}$	MODULUS OF RUPTURE	ISO 10545-4	>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	< 175 mm^3	PASS
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 6	PASS
	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD COCOA/P/12

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
\odot	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
•	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	-	-
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 4	PASS
•	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD/COCOA/SAT/12

TYPE OF PRODUCT

UNGLAZED PORCELAIN (UGL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
(3)	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
•	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	< 175 mm^3	PASS
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 6	PASS
	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD CAVIAR/P/12

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	D.4.00
	SURFACE FLATNESS		± 0.5 %	PASS
(3)	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
\odot	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
<u>(Ç.</u>)	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
(1)	DEEP ABRASION RESISTANCE	ISO 10545-6	-	-
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 4	PASS
(1)	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
3	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	≥95%	PASS



QUALITY LABORATORY

MODEL

KD/CAVIAR/SAT/12

TYPE OF PRODUCT

UNGLAZED PORCELAIN (UGL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
(3)	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
•	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	< 175 mm^3	PASS
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 6	PASS
	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD GRAPHITE/P/12

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
\odot	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
•	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	-	-
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 4	PASS
•	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD GRAPHITE/SAT/12

TYPE OF PRODUCT

UNGLAZED PORCELAIN (UGL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
(3)	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
•	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	< 175 mm^3	PASS
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 6	PASS
	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD KEDRA WHITE/P/12

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
\odot	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
•	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	-	-
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 4	PASS
•	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD CALACATTA-W/SAT/75,5X151

TYPE OF PRODUCT

UNGLAZED PORCELAIN (UGL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
(3)	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
•	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	< 175 mm^3	PASS
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 6	PASS
	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD BM CALACATTA-W/SAT/75,5X151

TYPE OF PRODUCT

UNGLAZED PORCELAIN (UGL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	DAGG
	SURFACE FLATNESS		± 0.5 %	PASS
(3)	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
\odot	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
<u>(Ç.)</u>	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	< 175 mm^3	PASS
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 6	PASS
	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
Q	SURFACE QUALITY	ISO 10545-2	≥95%	PASS



QUALITY LABORATORY

MODEL

KD CALACATTA GOLD/75,5X151/EP

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
\odot	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
•	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	-	-
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 4	PASS
•	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD CALACATTA GOLD/SAT/75,5X151

TYPE OF PRODUCT

UNGLAZED PORCELAIN (UGL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
(3)	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
•	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	< 175 mm^3	PASS
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 6	PASS
	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS



QUALITY LABORATORY

MODEL

KD BM CALACATTA GOLD/75,5X151/EP

TYPE OF PRODUCT

GLAZED PORCELAIN (GL)

	Technical Specifications	Test Method	Standard Value	Pass/Fail
	LENGTH AND WIDTH		±0.6 %	PASS
	THICKNESS		± 5 %	PASS
(cm.)	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5 %	PASS
	RECTANGULARITY		± 0.5 %	PASS
	SURFACE FLATNESS		± 0.5 %	PASS
\odot	WATER ABSORPTION	ISO 10545-3	≤ 0.5%	PASS
	BREAKING STRENGTH	ISO 10545-4	>1300 N	PASS
•	MODULUS OF RUPTURE		>35 N/mm ²	PASS
*	FROST RESISTANCE	ISO 10545-12	RESIST	PASS
©	COEFFICIENT OF LINEAR THERMAL EXPANSION	ISO 10545-8	9 x 10 ⁻⁶ K ⁻¹	PASS
	DEEP ABRASION RESISTANCE	ISO 10545-6	-	-
	SURFACE HARDNESS (MOHS SCALE)	EN-101	Min. 4	PASS
•	RESISTANCE TO STAINING	ISO 10545-14	5	PASS
	RESISTANCE TO CHEMICAL PRODUCTS	ISO 10545-13	GLA/GLA	PASS
	CRAZING RESISTANCE	ISO 10545-11	RESIST	PASS
\mathbb{Q}	SURFACE QUALITY	ISO 10545-2	<u>≥</u> 95%	PASS