



# **Technical Characteristic KAI/KOS**

ODU  
16.07.05(7/0)

**Model: Subway**  
**Internal code: 9784, 9785, 9786**  
**Type: Rectified Porcelain Tiles GL**  
**Group BIa, Nominal size 300x600 mm**

Group BIa, Nominal size 500x500 mm					
Characteristics Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/	Measured in KAI laboratory	Testing method
1. Length / width, mm	±0.6/max±2mm	±1.80/±2.00			EN ISO 10545-2
			Caliber	Size	
			R	296.5 x 595	
2.Thickness, mm	±5/max±0.5mm	±0.40	9.0±0.45 mm	8.9 – 9.2 mm	EN ISO 10545-2
3. Straightness of sides, mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.26 – +0.32 mm	EN ISO 10545-2
4. Rectangularity, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.17 – +0.34 mm	EN ISO 10545-2
5. Centre curvature, mm	±0.5/max±2mm	±2.0	±1.50	+0.29– +0.56 mm	EN ISO 10545-2
6. Edge curvature, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.18 – +0.62 mm	EN ISO 10545-2
7. Warpage, mm	±0.5/max±2mm	±2.00	±1.50	+0.19 – +0.59 mm	EN ISO 10545-2
8. Surface quality	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2
9.Water absorption, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.02 – 0.09 %	EN ISO 10545-3
10.Modulus of rupture, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 50 N/mm²	EN ISO 10545-4
11. Breaking strength, N	≥1300	≥1300	≥1300	Average: 1608 N	EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	9784 – 4/ 2100 9785 – 3/ 750 9786 – 3/ 750	EN ISO 10545-7
13.Crazing resistance, glazed tiles	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
15.Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17.Stain resistance	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14

18. Frost resistance	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 0-24 Wet	BS 7976
20. Slipperiness	Declared value	Declared value	Declared value	N.C	DIN 51130
21. MOHS	Declared value	Declared value	Declared value	8	EN 101:1991

Date: 21.02.2022





# Technical Characteristic KAI/KOS

ODU  
16.07.05(7/0)

Model: Oasis

Internal code: 6017

Type: Rectified Porcelain Tiles GL

Group BIa, Nominal size 300x600 mm

Group BII, Nominal size 500x500 mm					
Characteristics Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/	Measured in KAI laboratory	Testing method
1. Length / width, mm	±0.6/max±2mm	±1.80/±2.00			EN ISO 10545-2
			Caliber	Size	
			R	296.5 x 595	
2.Thickness, mm	±5/max±0.5mm	±0.45	9.0±0.45 mm	8.9 – 9.1 mm	EN ISO 10545-2
3. Straightness of sides, mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.18 – +0.38 mm	EN ISO 10545-2
4. Rectangularity, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.11 – +0.37 mm	EN ISO 10545-2
5. Centre curvature, mm	±0.5/max±2mm	±2.0	±1.50	+0.26– +0.57 mm	EN ISO 10545-2
6. Edge curvature, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.11 – +0.49 mm	EN ISO 10545-2
7. Warpage, mm	±0.5/max±2mm	±2.00	±1.50	-0.17 – +0.58 mm	EN ISO 10545-2
8. Surface quality	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2
9.Water absorption, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.01 – 0.05 %	EN ISO 10545-3
10.Modulus of rupture, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 55 N/mm²	EN ISO 10545-4
11. Breaking strength, N	≥1300	≥1300	≥1300	Average: 2314 N	EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	4/2100	EN ISO 10545-7
13.Crazing resistance, glazed tiles	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
15.Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17.Stain resistance	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14

18. Frost resistance	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
20. Slipperiness	Declared value	Declared value	Declared value	R10	DIN 51130
21. MOHS	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 21.02.2022



**Technical Characteristic KAI/KOS**ODU  
16.07.05(7/0)**Model: Stoneline****Internal code: 9778; 9779; 9780; 9781; 9782; 9783****Type Porcelain Tiles GL,****Group BIa, Nominal size 300x600 mm**

Group BIa, Nominal size 300x600 mm						
Characteristics Group Bla, Annex G	Tolerance EN 14411:2016, %	Tolerance EN 14411: 2016, mm	Request values	Measured in KAI laboratory	Testing method	
1. Length/width, mm	±0.6/max±2mm	±1.80/±2.00	300 x 600	1K	297.6x597.6	EN ISO 10545-2
				2K	298.8x598.6	
				3K	300.0x600.0	
				4K	301.2x601.2	
				5K	302.4x602.4	
2.Thickness, mm	±5/max±0.5mm	±0.45	9.0±0.45 mm	8.8 – 9.2 mm	EN ISO 10545-2	
3. Straightness of sides, mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.08 – +0.63 mm	EN ISO 10545-2	
4. Rectangularity, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.66– +0.46 mm	EN ISO 10545-2	
5. Centre curvature, mm	±0.5/max±2mm	±2.0	±1.50	-0.69 – +0.33 mm	EN ISO 10545-2	
6. Edge curvature, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.44 – +0.55 mm	EN ISO 10545-2	
7. Warpage, mm	±0.5/max±2mm	±2.00	±1.50	-0.56 – +0.78 mm	EN ISO 10545-2	
8. Surface quality	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2	
9.Water absorption, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.04 – 0.20%	EN ISO 10545-3	
10.Modulus of rupture, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 58 N/mm²	EN ISO 10545-4	
11. Breaking strength, N	≥1300N	≥ 1300N	≥ 1300N	Average 1775 N	EN ISO 10545-4	
12.Determination of surface abrasion for glazed tiles	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	9778- 4/2100 9779-3/750 9780-2/600 9781-4/2100 9782-3/750 9783-2/600	EN ISO 10545-7	
13.Crazing resistance, glazed tiles	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-11	
14.Resistance for household chemicals and swimming pool salts	Min class B	Min class B	Min class B	GA	EN ISO 10545-13	
15.Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13	
16. Resistance to the high concentration acids and alkalis	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13	
17. Stain resistance	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14	
18. Frost resistance	Pass according to	Pass according to	Pass according to	Resistant	EN ISO 10545-12	

	EN ISO 10545-1	EN ISO 10545-1	EN ISO 10545-1		
19. Slipperiness	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 0-24 Wet	BS 7976
20. Slipperiness	Declared value	Declared value	Declared value	R9	DIN 51130
21. MOHS	Declared value	Declared value	Declared value	8	EN 101:1991

Date 21.02.2021





# Technical Characteristic KAI/KOS

ODU  
16.07.05(7/0)

Model: Stoneline  
Internal code: 9845;9846;9847;9843;9844;9806  
Type: Rectified Porcelain Tiles GL  
Group BIa, Nominal size 300x600 mm

Characteristics Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/	Measured in KAI laboratory	Testing method
1. Length / width, mm	±0.6/max±2mm	±1.80/±2.00			EN ISO 10545-2
			Caliber	Size	
			R	296,5 x 595	
2.Thickness, mm	±5/max±0.5mm	±0.45	9.0±0.45 mm	9.0 – 9.2 mm	EN ISO 10545-2
3. Straightness of sides, mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.31 – +0.37 mm	EN ISO 10545-2
4. Rectangularity, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.38 – +0.39 mm	EN ISO 10545-2
5. Centre curvature, mm	±0.5/max±2mm	±2.0	±1.50	-0.13– +0.36 mm	EN ISO 10545-2
6. Edge curvature, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.16 – +0.48 mm	EN ISO 10545-2
7. Warpage, mm	±0.5/max±2mm	±2.00	±1.50	-0.15 – +0.47 mm	EN ISO 10545-2
8. Surface quality	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2
9.Water absorption, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.03 – 0.11 %	EN ISO 10545-3
10.Modulus of rupture, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 56 N/mm²	EN ISO 10545-4
11. Breaking strength, N	≥1300	≥1300	≥1300	Average: 2216 N	EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	9845 – 4/ 2100 9846 – 3/ 750 9847 – 2/600 9843 – 4/2100 9844 – 3/750 9806 – 2/600	EN ISO 10545-7
13.Crazing resistance, glazed tiles	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
15.Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13

17. Stain resistance	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14
18. Frost resistance	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 0-24 Wet	BS 7976
20. Slipperiness	Declared value	Declared value	Declared value	R9	DIN 51130
21. MOHS	Declared value	Declared value	Declared value	8	EN 101:1991

Date: 21.02.2022







# Technical Characteristic KAI/KOS

ODU  
16.07.05(7/0)

Model: Stoneline out  
Internal code: 9787;9788;9789;9790  
Type: Rectified Porcelain Tiles GL  
Group BIa, Nominal size 300x600 mm

Group B1a, Nominal size 300x600 mm						
Characteristics Group B1a, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/	Measured in KAI laboratory		Testing method
1. Length / width, mm	±0.6/max±2mm	±1.80/±2.00	300 x 600	1K	297.6x597.6	EN ISO 10545-2
				2K	298.8x598.6	
				3K	300.0x600.0	
				4K	301.2x601.2	
				5K	302.4x602.4	
2.Thickness, mm	±5/max±0.5mm	±0.45	9.0±0.45 mm	9.2 – 9.4 mm		EN ISO 10545-2
3. Straightness of sides, mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.40 – +0.41 mm		EN ISO 10545-2
4. Rectangularity, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.38 – +0.42 mm		EN ISO 10545-2
5. Centre curvature, mm	±0.5/max±2mm	±2.0	±1.50	+0.36– +0.99 mm		EN ISO 10545-2
6. Edge curvature, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.10 – +0.80 mm		EN ISO 10545-2
7. Warpage, mm	±0.5/max±2mm	±2.00	±1.50	-0.23 – +0.71 mm		EN ISO 10545-2
8. Surface quality	≥95% without defects	≥95% without defects	≥98% without defects	Pass		EN ISO 10545-2
9.Water absorption, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.02 – 0.08 %		EN ISO 10545-3
10.Modulus of rupture, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 52 N/mm²		EN ISO 10545-4
11. Breaking strength, N	≥1300	≥1300	≥1300	Average:2003 N		EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	9787 – 5/>12000 9788 – 4/12000 9789 – 5/>12000 9790 – 4/12000		EN ISO 10545-7
13.Crazing resistance, glazed tiles	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant		EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts	Min class B	Min class B	Min class B	GA		EN ISO 10545-13
15.Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA		EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis	Declared value	Declared value	Declared value	GHA		EN ISO 10545-13

17. Stain resistance	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14
18. Frost resistance	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
20. Slipperiness	Declared value	Declared value	Declared value	R12	DIN 51130
21. MOHS	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 21.02.2022





## Technical Characteristic KAI/KOS

ODU  
16.07.05(7/0)

**Model: Stoneline out**  
**Internal code: 9841;9842;9840;9839**  
**Type: Rectified Porcelain Tiles GL**  
**Group BIa, Nominal size 300x600 mm**

Group B1a, Nominal size 500x500 mm					
Characteristics Group B1a, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/	Measured in KAI laboratory	Testing method
1. Length / width, mm	±0.6/max±2mm	±1.80/±2.00			EN ISO 10545-2
			Caliber	Size	
			R	296,5 x 595	
2.Thickness, mm	±5/max±0.5mm	±0.45	9.0±0.45 mm	9.2 – 9.4 mm	EN ISO 10545-2
3. Straightness of sides, mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.40 – +0.41 mm	EN ISO 10545-2
4. Rectangularity, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.38 – +0.42 mm	EN ISO 10545-2
5. Centre curvature, mm	±0.5/max±2mm	±2.0	±1.50	+0.36– +0.99 mm	EN ISO 10545-2
6. Edge curvature, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.10 – +0.80 mm	EN ISO 10545-2
7. Warpage, mm	±0.5/max±2mm	±2.00	±1.50	-0.23 – +0.71 mm	EN ISO 10545-2
8. Surface quality	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2
9.Water absorption, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.02 – 0.08 %	EN ISO 10545-3
10.Modulus of rupture, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 50 N/mm²	EN ISO 10545-4
11. Breaking strength, N	≥1300	≥1300	≥1300	Average:2123 N	EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	9841 – 5/>12000 9842 – 4/12000 9840 – 5/>12000 9839 – 4/12000	EN ISO 10545-7
13.Crazing resistance, glazed tiles	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
15.Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17.Stain resistance	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14

18. Frost resistance	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
20. Slipperiness	Declared value	Declared value	Declared value	R12	DIN 51130
21. MOHS	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 21.02.2022





# Technical Characteristic KAI/KOS

ODU  
16.07.05(7/0)

Model: "Evoque"

Internal code: 6179;6180;6181;6182

Type: Rectified Porcelain Tiles GL

Group BIa, Nominal size 300x600 mm

Group BIa, Nominal size 500x500 mm					
Characteristics Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/	Measured in KAI laboratory	Testing method
1. Length / width, mm	±0.6/max±2mm	±1.80/±2.00	Caliber	Size	EN ISO 10545-2
			R	296.5 x 595	
2.Thickness, mm	±5/max±0.5mm	±0.45	9.0±0.45 mm	8.9 – 9.0 mm	EN ISO 10545-2
3. Straightness of sides, mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.18 – +0.38 mm	EN ISO 10545-2
4. Rectangularity, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.11 – +0.37 mm	EN ISO 10545-2
5. Centre curvature, mm	±0.5/max±2mm	±2.0	±1.50	+0.26– +0.57 mm	EN ISO 10545-2
6. Edge curvature, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.11 – +0.49 mm	EN ISO 10545-2
7. Warpage, mm	±0.5/max±2mm	±2.00	±1.50	-0.17 – +0.58 mm	EN ISO 10545-2
8. Surface quality	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2
9.Water absorption, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.02 – 0.06 %	EN ISO 10545-3
10.Modulus of rupture, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 58 N/mm²	EN ISO 10545-4
11. Breaking strength, N	≥1300	≥1300	≥1300	Average: 2364 N	EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	6179 – 5>12000 6180 – 4/12000 6181 – 4/12000 6182 – 4/2100	EN ISO 10545-7
13.Crazing resistance, glazed tiles	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
15.Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17.Stain resistance	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14

18. Frost resistance	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
20. MOHS	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 21.02.2022

QC:





# Technical Characteristic KAI/KOS

ODU  
16.07.05(7/0)

Model: "Century" na

Internal code:

Type: Rectified Porcelain Tiles GL

Group BIa, Nominal size 300x600 mm

Group BIa, Nominal size 500x500 mm					
Characteristics Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/	Measured in KAI laboratory	Testing method
1. Length / width, mm	±0.6/max±2mm	±1.80/±2.00			EN ISO 10545-2
			Caliber	Size	
			R	296,5 x 595	
2.Thickness, mm	±5/max±0.5mm	±0.45	9.0±0.45 mm	9.0 – 9.1 mm	EN ISO 10545-2
3. Straightness of sides, mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.31 – +0.37 mm	EN ISO 10545-2
4. Rectangularity, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.38 – +0.39 mm	EN ISO 10545-2
5. Centre curvature, mm	±0.5/max±2mm	±2.0	±1.50	-0.13– +0.36 mm	EN ISO 10545-2
6. Edge curvature, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.16 – +0.48 mm	EN ISO 10545-2
7. Warpage, mm	±0.5/max±2mm	±2.00	±1.50	-0.15 – +0.47 mm	EN ISO 10545-2
8. Surface quality	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2
9.Water absorption, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.03 – 0.06 %	EN ISO 10545-3
10.Modulus of rupture, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 53 N/mm²	EN ISO 10545-4
11. Breaking strength, N	≥1300	≥1300	≥1300	Average: 2016 N	EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	4/12000	EN ISO 10545-7
13.Crazing resistance, glazed tiles	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
15.Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17.Stain resistance	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14

18. Frost resistance	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
20. MOHS	Declared value	Declared value	Declared value	8	EN 101:1991

Date: 21.02.2022

QC: .....







# **Technical Characteristic KAI/KOS**

ODU  
16.07.05(7/0)

**Model: "District"**

**Internal code:**

**Type: Rectified Porcelain Tiles GL**

**Group BIa, Nominal size 300x600 mm**

Group BIa, Nominal size 500x500 mm					
Characteristics Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/	Measured in KAI laboratory	Testing method
1. Length / width, mm	±0.6/max±2mm	±1.80/±2.00	Caliber	Size	EN ISO 10545-2
			R	296.5 x 595	
2.Thickness, mm	±5/max±0.5mm	±0.45	9.0±0.45 mm	8.8 – 9.0 mm	EN ISO 10545-2
3. Straightness of sides, mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.57 – +0.20 mm	EN ISO 10545-2
4. Rectangularity, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.51 – +0.53 mm	EN ISO 10545-2
5. Centre curvature, mm	±0.5/max±2mm	±2.0	±1.50	-0.23– +0.57 mm	EN ISO 10545-2
6. Edge curvature, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.38 – +0.27 mm	EN ISO 10545-2
7. Warpage, mm	±0.5/max±2mm	±2.00	±1.50	-0.52 – +0.46 mm	EN ISO 10545-2
8. Surface quality	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2
9.Water absorption, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.03 – 0.05 %	EN ISO 10545-3
10.Modulus of rupture, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 59 N/mm²	EN ISO 10545-4
11. Breaking strength, N	≥1300	≥1300	≥1300	Average: 2168 N	EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	Beige – 4/2100 Grey – 3/750	EN ISO 10545-7
13.Crazing resistance, glazed tiles	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
15.Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17.Stain resistance	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14

18. Frost resistance	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
20. MOHS	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 21.02.2022

QC:





## Technical Characteristic KAI/KOS

ODU  
16.07.05(7/0)

Model: Stonehenge

Internal code:

Type: Rectified Porcelain Tiles GL

Group BIa, Nominal size 300x600 mm

Group BIa, Nominal size 500x500 mm					
Characteristics Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/	Measured in KAI laboratory	Testing method
1. Length / width, mm	±0.6/max±2mm	±1.80/±2.00			EN ISO 10545-2
			Caliber	Size	
			R	296.5 x 595	
2.Thickness, mm	±5/max±0.5mm	±0.45	9.0±0.45 mm	8.9 – 9.1 mm	EN ISO 10545-2
3. Straightness of sides, mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.20 – +0.41 mm	EN ISO 10545-2
4. Rectangularity, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.45 – +0.71 mm	EN ISO 10545-2
5. Centre curvature, mm	±0.5/max±2mm	±2.0	±1.50	+0.32– +0.86 mm	EN ISO 10545-2
6. Edge curvature, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	+0.17 – +0.91 mm	EN ISO 10545-2
7. Warpage, mm	±0.5/max±2mm	±2.00	±1.50	-0.21 – +1.02 mm	EN ISO 10545-2
8. Surface quality	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2
9.Water absorption, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.04 – 0.08 %	EN ISO 10545-3
10.Modulus of rupture, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 60 N/mm²	EN ISO 10545-4
11. Breaking strength, N	≥1300	≥1300	≥1300	Average:2416 N	EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	Beige – 5/>12000 Lt beige – 5/>12000 Grey – 5/>12000 Lt. grey – 5/>12000	EN ISO 10545-7
13.Crazing resistance, glazed tiles	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
15.Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13

17. Stain resistance	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14
18. Frost resistance	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
20. Slipperiness	Declared value	Declared value	Declared value	R10	DIN 51130
21. MOHS	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 21.02.2022

