

SCG Ceramics Public Company Limited (SPC)

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Quality Specification Report

PRODUCT : SPC by COTTO
PRODUCT CODE : LT 18x122 LAGOON OAK (5.0/0.5mm)1.0IX TH
NOMINAL SIZE : 180x1220x5 mm
WEAR LAYER : 0.5 mm

Characteristics	Specification (ISO 10582)		Specification (HK Plant)	Test Methods
1. Width : deviation from nominal size	± 0.10%	± 0.50 mm	± 0.18 mm	ISO 24342
2. Length : deviation from nominal size	± 0.15%	± 0.50 mm	± 0.50 mm	
3. Squareness : deviation - Width (≤ 400 mm) - Length (> 400 mm)	- -	≤ 0.25 mm ≤ 0.50 mm	≤ 0.25 mm ≤ 0.50 mm	
4. Straightness : deviation - Width (≤ 400 mm) - Length (> 400 mm)	- -	≤ 0.25 mm ≤ 0.50 mm	≤ 0.25 mm ≤ 0.50 mm	
5. Total thickness : average of the overall thickness	-	-0.10 , +0.13 mm (from nominal size)	4.90 to 5.13 mm	ISO 24346
6. Thickness of wear layer : average of the wear layer thickness	-10% , +13% (from wear layer)	≤ 0.10 mm	0.45 to 0.57 mm	ISO 24340
7. Openings : average	-	≤ 0.15 mm	≤ 0.15 mm	ISO 10582 Annex :C
8. Dimensional stability after exposure to heat @80 C - Width - Length	≤ 0.15% ≤ 0.15%	- -	≤ 0.15% ≤ 0.15%	ISO 23999
9. Curling after exposure to heat @80 C		≤1.00 mm	≤1.00 mm	
10. Peel resistance	-	-	≥70N/50 mm	ISO 24345
11. Abrasive resistance (CS-17 Calibrase) - Total mass loss/ 1000 revolutions - Loss of volume	- -	- -	≤ 0.015 g -	EN 660-2
12. Locking strength	-	-	≥120N/50 mm	-
13. Scratch Performance	-	-	≥ 2500 g	-

Approved by : Chitsophon Pindi

Position : Research and Development -HK

Date : 27-2-2026