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Quality Specification Report

PRODUCT : SPC by COTTO
PRODUCT CODE : LT 18x122LOZANO OAK124(5.0/0.5mm)1.0IXTH
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 : 10-2-2026