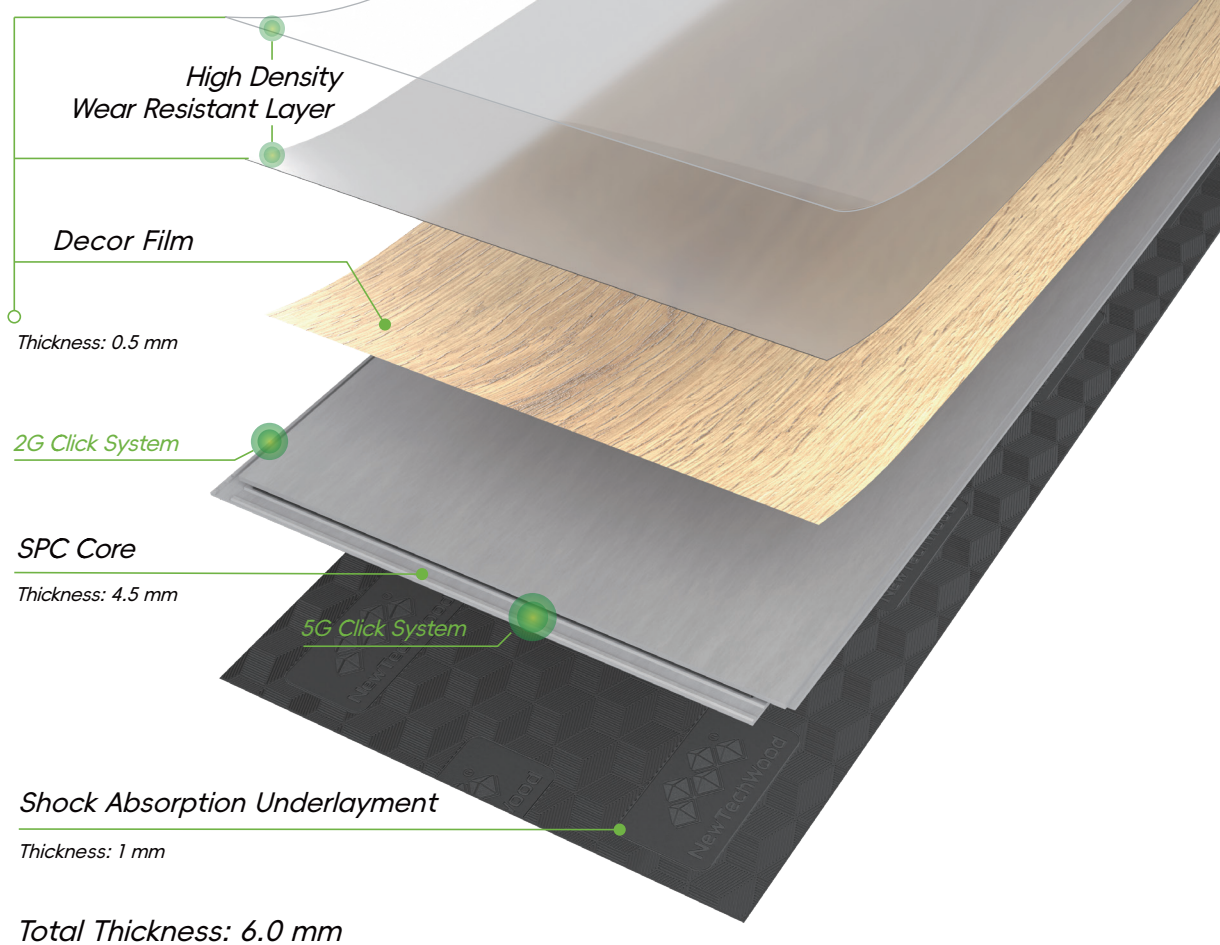




NewTechWood · INTERIORS

SPC Flooring

Standards & Specifications



Short Side 5G Angling System



Long Side 2G Angling System

Side length, squareness and straightness

Short side: ± 0.10 mm
 Long side: ± 0.50 mm
 Squareness ≤ 0.25 mm
 Straightness ≤ 0.25 mm

(ISO 24342)

Overall thickness

6.0 ± 0.15 mm (ISO 24346)

Thickness of wear layer

0.5 ± 0.03 mm (ISO 24340)

Wear Layer Thickness

± 0.03 mm (ISO 24340)

Mass per unit area

$10.2 \text{ kg/m}^2 \pm 13\% / -10\%$ (ISO 23997)

Dimensional stability and curling after exposure to heat

$\leq 0.12\%$ curling ± 1.2 mm (ISO 23999)

Residual Indentation

≤ 0.10 mm (ISO 24343-1)

Flatness

Length flatness:
 concave $\leq 0.50\%$, convex $\leq 1.00\%$
 Width flatness:
 concave $\leq 0.10\%$, convex $\leq 0.15\%$

(ISO 10582)

Openings

Ave. ≤ 0.15 mm, Max ≤ 0.20 mm (ISO 10582)

Height difference

Ave. ≤ 0.1 mm, Max ≤ 0.15 mm (ISO 10582)

Locking strength

$\geq 120 \text{ N/5CM}$ (ISO 24334)

Wear Resistance

$\geq 5000 \text{ r}$ (ISO 24338 Procedure A)

Staining and resistance to chemicals

Not affected (ISO 26987)

Peel strength

$\geq 55 \text{ N/5CM}$ (ISO 24345)

Micro-scratch resistance

$\leq \text{MSR-A2/B2}$ (EN 16094)

Slip resistance

Class DS (EN 13893)

Reaction to fire

$B_{fl} - s1$ (EN 13501-1)

Formaldehyde emission

PASS (better than E1) (EN 717-1)

Assessment of static electrical propensity

$\leq 2.0 \text{ kv}$ (EN 1815)

Migration of certain elements

ND (not detected) (EN 71-3)

Phthalates test

ND (not detected) (CPSC-CH-C1001-09.4)

VOCs

PASS (A+) (French label)
 PASS (FloorScore)