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TimberTru™ 10+2 mm Technical Data Sheet

Testing Results

NALFA Laminate Surface Swell Test – Assembled Joint Water Infiltration Test – 24 hrs, 48 hrs, and 72 hrs			
Test Time	Test Liquid	Seam Penetration	Seam Swelling
24 Hours	Water	No	.001"
48 Hours			.005"
72 Hours			.006"

NALFA-LF-01 Water Soak Thickness Swell and Water Absorption – 24 hrs and 48 hrs		
Test Time	Thickness Swell	Water Absorption
24 Hours	6.6%	1.9%
48 Hours	7.7%	3.0%

NALFA % Thickness Swell in 24 hours standard is less than 16%

Steam Mop – 100 cycles	
Surface Attack	Thickness Swell
No Change	0%

Pet Proof Testing - ASTM F925 Stain Resistance						
Staining Agent	24 Hour Rating		48 Hour Rating		72 Hour Rating	
	Surface Effect	Color Change	Surface Effect	Color Change	Surface Effect	Color Change
Urine	No Change	No Change	No Change	No Change	No Change	No Change
Vomit						
Feces						

Pet Proof Testing - NALFA Laminate Surface Swell Test – Assembled Joint Infiltration Test – 24 hrs, 48 hrs, and 72 hrs					
Test Time	Test Liquid	Seam Penetration	Seam Swelling	Stain Rating	
24 Hours	Pet Urine	No	.002"	No Change	
48 Hours			.003"		
72 Hours			.006"		

Acoustics		
Test Structure	STC	IIC
Concrete Slab - 152 mm with drop ceiling	60	63



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Laminate Flooring Performance Standards

Flooring Type	Commercial	Moisture Protection	Yes
Property	Test Method	Specification	
Thickness Swell	NALFA LF-01-2018 - 3.2	≤ 16%	
Cleanability / Stain Resistance	NALFA LF-01-2018 - 3.4	Score < 20 No More Than Slight Effect	
Large Ball Impact Resistance	NALFA LF-01-2018 - 3.5	< 1200 mm (47.3 in)	
Small Ball Impact Resistance	NALFA LF-01-2018 - 3.6	< 350 mm (13.8 in)	
Wear Resistance	NALFA LF-01-2018 - 3.7	≥ 4000 cycles	
Dimensional Tolerances	NALFA LF-01-2018 - 3.8	Length: 0.50 mm (0.020 in) Width: 0.20 mm (0.008 in) Thickness: 0.50 mm (0.020 in) Squareness: 0.20 mm (0.008 in) Straightness: 0.30 mm (0.012 in)	
Formaldehyde CARB & TSCAT itle VI	NALFA LF-01-2018 - 3.11	3rd party certificate "Core compliance"	
Flatness	NALFA LF-01-2018 - 3.12	Fw concave ≤ 0.15% Fw convex ≤ 0.20% Fl concave ≤ 0.15% Fl convex ≤ 0.20%	
Openings	NALFA LF-01-2018 - 3.13	Oavg ≤ 0.006 in. (0.15 mm) Omax ≤ 0.008 in. (0.20 mm)	
Ledging	NALFA LF-01-2018 - 3.14	hAvg ≤ 0.10 mm hMax ≤ 0.15 mm	