

**Wilsonart® Flooring
Estate Plus Technical Data**

Availability Summary

Dimensions	46.45" x 7.70" x 0.330" (1180 x 196 x 8.40 mm)
Carton Coverage	8 planks per carton ~20.0 sq. ft. (1.86 sq. m.)
Surface Finish/Glossometer Readings (60 degree)	Everyday Luster – Low Sheen/Woodgrain (74) MD 17 ± 2 CD 14 ± 2 Everyday Luster – High Sheen/Woodgrain (75) MD 58 ± 6 CD 39 ± 6
Warranty	Warranty information may be found on www.wilsonartflooring.com or by calling 1-800-710-8846

⁽¹⁾ Performance Tests	Reference Standard	Typical Result
Static Load Limit	NALFA LF-01-2003 3.1	≥ 2,000 psi
Thickness Swell	NALFA LF-01-2003 3.2	≤ 7 %
Light Resistance	NALFA LF-01-2003 3.3	No Effect
Cleanability / Stain	NALFA LF-01-2003 3.4	6 / No Effect
Impact Resistance		
Large Diameter Ball Impact (224 g)	NALFA LF-01-2003 3.5	140 inches (3,556 mm)
Small Diameter Ball Impact (25 g)	NALFA LF-01-2003 3.6	30.1 inches (765 mm)
Radiant Heat	NEMA LD 3 3.10	> 200 seconds
Wear Resistance (Taber Abrader)	NALFA LF-01-2003 3.7	≥ 2,500 cycles
Castor Chair Resistance	NALFA LF-01-2003 3.9	≥ 25,000 cycles
NALFA Certification		Light Commercial

Slip Resistance	Test Result
ASTM C 1028	Wet and Dry $\mu \geq 0.8$
⁽²⁾ ADA Mark 1 Protocol	$\mu \geq 0.8$
ASTM D 2047 (neolite sole)	$\mu \geq 0.7$

Sound Tests

ASTM E 90 (Sound Transmission Class) Classified by E 413 1.5" Gyp-crete over plywood subfloor/ceiling assembly	Estate Plus achieves an STC value of 51 or greater when tested over WA 2-In-1 Padding, WA Commercial Cushion, and WA Acoustic Cushion.
ASTM E 492 (Impact Insulation Class) Classified by E 989 6" Concrete slab with ceiling assembly	Estate Plus achieves an IIC rating of 55 or greater when tested over WA 2-In-1 Padding, WA Commercial Cushion, and WA Acoustic Cushion.

Fire Behavior

ASTM E 648 (Critical Radiant flux)	Type 1
ASTM E 662 (Smoke Density)	Flaming and Non-flaming ≤ 450

Environmental

⁽³⁾ ASTM E 1333 (Formaldehyde Release)	≤ 0.10 ppm free formaldehyde
⁽⁴⁾ GREENGUARD® Indoor Air Quality Certification	Certified
⁽⁵⁾ Scientific Certification Systems (SCS)	Product certified for minimum 70% pre-consumer recycled wood fiber content.
⁽⁶⁾ Forest Stewardship Council™ (FSC™)	FSC Mixed Sources

(1) Estate Plus meets or exceeds all minimum performance values listed in the North American Laminate Flooring Association (NALFA) Standards Publication LF-01-2003, Certification Level 2, Light Commercial.

(2) Americans with Disabilities Act (ADA)

(3) Estate Plus achieved test values below the voluntary ANSI A208.2 standard for free formaldehyde emissions and the product core achieved test values below those required by the state of California's 17 CCR 93120 by ASTM E-1333-90, Large Chamber.

WARNING: This product contains a substance known to the state of California to cause cancer. Materials produced after January 1, 2009 comply with 17 California Code of Regulation 93120.2(a) for formaldehyde limits in California.

(4) GREENGUARD® Certification Standards for Low Emitting Products for the Indoor Environment:

The Greenguard Environmental Institute (GEI) has established performance based standards to define goods with low chemical and particle emissions for use indoors, primarily building materials, interior furnishings, furniture, cleaning and maintenance products, electronic equipment, and personal care products. The standard establishes certification procedures including test methods, allowable emissions levels, product sample collection and handling, testing type and frequency, and program application processes and acceptance.

GREENGUARD Allowable Emission Levels; All products are tested in dynamic environmental chambers following ASTM standards D-5116-97 and D- 6670-01, the U.S. Environmental Protection Agency's testing protocol for furniture and the State of Washington's protocol for interior furnishings and construction materials. Products are measured for emission levels, which must meet the following indoor air concentrations within 5 days of unpackaging. Air concentrations are based on the product being in a room 32 m³ in volume with an outdoor air concentration of 0.8 air changes per hour (ACH). Maximum allowable emission levels are those required by the state of Washington's indoor air quality program for new construction, the US Environmental Protection Agency's procurements specifications, the recommendations from the World Health Organization, and Germany's Blue Angel Program for electronic equipment. When multiple emission values are recommended, the lesser or more stringent one is used as the acceptable emission value for GREENGUARD certification.

GREENGUARD® is a registered trademark of the Greenguard Environmental Institute (GEI).

(5) Scientific Certification Systems, Inc. Certification Registration SCS-MC-002029:

The Scientific Certification Systems, Inc. (SCS) has established standards to describe the requirements for third-party substantiation of the recycled content claims asserted by companies with regards to specific products. This standard allows companies to demonstrate that their products: 1) conform with material definitions in ISO 14021:1999(E) Environmental labels and declarations – Self-declared environmental claims (Type II environmental labeling): 2) conform with the Federal Trade Commission (FTC) Guides for the Use of Environmental claims: and 3) conform with the material and resources criteria for recycled content for building products according to the United States Green Building Council (USGBC) Leadership Energy and Environmental Design (LEED) Green Building rating system.

(6) Forest Stewardship Council™ Certification Registration SCS-COC-002415:

The Forest Stewardship Council (FSC™) is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forest. FSC is a certification system that provides internationally recognized standard setting, trademark assurance and accreditation services to companies, organizations, and communities interested in responsible forestry.

Only the products that are identified as such on the invoices and/or bill of lading are FSC certified.

END OF ESTATE PLUS TECHNICAL DATA SECTION