Ellis | LVT

Technical Data Sheet

General Specifications

Overall Thickness:	2.0 mm
Wear Layer Thickness:	0.3 mm (12 mil)
Product Type:	Glue Down LVT
Dimensions:	7 in. x 48 in.
Finish:	UV-Cured Urethane
Surface:	Embossed w/ Microbevel
Residential Warranty:	Lifetime
Heavy Commercial Warranty:	10 Years
Carton Quantity:	26 Pieces (52 sq. ft.)
Carton Weight:	36.84 lbs.
Cartons / Pallet:	60

Adhesive Specifications

Approved Adhesive:	Novalis NV-GLU+ Acrylic Adhesive
Adhesive Unit Size:	1 gallon & 4 gallon pails
Adhesive Trowel Size:	1/32" x 1/16" x 1/32" U-notch (FFA)
Adhesive Coverage Rate:	~ 175 - 200 sq. ft. *depending on trowel size & usage*
Adhesive Open Time:	~ 15 - 30 minutes *depending on substrate & site conditions*
Adhesive Working Time:	Up to 4 hours *depending on substrate & site conditions*

Technical Specifications

Product Construction Code:	KR LVT 2.0mm (0.3 wl, NF)
ASTM F1700 - Solid Vinyl Tile Specification:	Class III, Type B
ASTM F2055 - Size:	Passes, ± 0.4 mm
ASTM F410 (commercial ≥ 0.020 in.) / EN 24340 (± tolerance):	Passes, 0.015 in. (0.30 mm/12-mil)
ASTM F387 - Product Thickness:	Passes, ± 0.13 mm
ASTM F2055 - Squareness:	Passes, ± 0.25 mm
ASTM F1914 - Residual Indentation:	Passes, ≤ 0.2 mm
ASTM F137 - Flexibility:	Passes, 25.4 mm mandrel Passes, <
ASTM F2199 - Dimensional Stability:	0.5 mm / lin. ft.
ASTM F925 - Chemical Resistance:	Passes ASTM F1700 requirements
ASTM F1514 - Resistance to Heat:	Passes, < ΔE 8
ASTM F1515 - Resistance to Light:	Passes, < ΔE 8
ASTM F970 - Static Load (Modified):	Passes, ≤ 0.13 mm indent, 1200 lbs.
ASTM D2047 - Static Coefficient of Friction:	Passes, > 0.5 SCOF
ASTM E648 (NFPA 253) - Critical Radiant Flux:	Passes, Class 1, > 0.45 W/cm^2
ASTM E662 (NFPA 258) - Smoke Density:	Passes, < 450

Disclaimer: All unit values presented herein represent standard specification values. Values shown in parentheses are mathematical conversions provided solely for informational purposes and are not recognized as standard. Results were independently tested, using material from standard production, in accordance with product specific standard test methods. Physical and performance testing may vary, within tolerances, depending on the testing apparatus and/or production lot used. Be sure to use the most recently published versions of all reference documents, specifications, and test methods.