ENGLISH SLATE & STONE (T)

TECHNICAL DATA SHEET

PHYSICAL PROPERTIES & PACKAGING

Construction	Solid Vinyl Tile / LVT
Product Classification (ASTM F1700)	Class III, Type B
Use	Commercial & Residential
Size	18” x 18” (457.2mm x 457.2mm)
Wear Layer	12 mil (0.3mm)
Finish	These collections are available in two finishes: 1) PVC Finish 2) Urethane Coating with Ceramic Bead Particles
Gauge	0.080" (2.0mm)
Pieces/Carton	16
Coverage/Piece	2.25 Sq.Ft. (0.209 Sq.M.)
Coverage/Carton	36 Sq.Ft. (3.344 Sq.M.)
Coverage/Pallet	64 Cartons (2,304 Sq.Ft. / 214.049 Sq.M.)
Coverage/Container	20 Pallets (46,080 Sq.Ft. / 4,280.97 Sq.M.)
Limited Warranty	**PVC Finish** 6-Year Commercial 15-Year Residential **Urethane Coating with Ceramic Bead Particles** 8-Year Commercial 25-Year Residential

ASTM F1700 STANDARDS

Standard	Description	Requirements	Results
ASTM F386	Thickness	±0.005”	Passes Requirements
ASTM F2055	Size & Squareness	Size: ±0.016” / Linear Foot Squareness: ≤0.010”	Passes Requirements
ASTM F1914	Residual Indentation	Average ≤ 8%; Any Sample ≤ 10%	Surpasses Requirements
ASTM F137	Flexibility	No cracks/breaks (1”/25.4mm Mandrel)	Surpasses Requirements
ASTM F2199	Dimensional Stability	≤0.020” / Linear Foot	Surpasses Requirements
ASTM F925	Chemical Resistance	No more than “Slight Change”	Surpasses Requirements
ASTM F1514	Resistance to Heat	Average ΔE ≤ 8.0	Surpasses Requirements
ASTM F1515	Resistance to Light	Average ΔE ≤ 8.0	Surpasses Requirements

SUPPLEMENTARY STANDARDS

Standard	Description	Requirements	Results
ASTM F970	Static Load Limit	±0.005”, 250-Lbs. Load	≥1,000 lbs. (Surpasses)
ASTM E648	Radiant Panel (Critical Radiant Flux)	Class I: ≥ 0.45 W/cm^2	Passes Requirements
ASTM E662	Smoke Density	Flaming & Non-Flaming: ≤ 450	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard	Passes Requirements
ASTM D2047	Coefficient of Friction (Slip Resistance)	N/A	≥0.6

SOUND STANDARDS

Standard	Description	Requirements	Results*
ASTM E90 & ASTM E413	Airborne Sound Transmission Loss	Sound Transmission Class (STC) ≥ 50	STC 66 (Surpasses)
ASTM E492 & ASTM E989	Impact Sound Transmission (Floor-Ceiling Assemblies)	Impact Insulation Class (IIC) ≥ 50	IIC 70 (Surpasses)

**Tested with Prevail™ GDP (Glue-Down Pad) Over 6” Concrete Slab with Drop-Ceiling Assembly*

SUSTAINABILITY

Standard(s)	Description
FloorScore® CHPS 01350 LEED EQ 4.3	This product is FloorScore® Certified (SCS-FS-01967) and has thus been found to comply with the volatile organic compound emissions criteria of the California Section 01350 standard. FloorScore® Certification can also be used as an alternative path to obtaining LEED EQ 4.3 credit.

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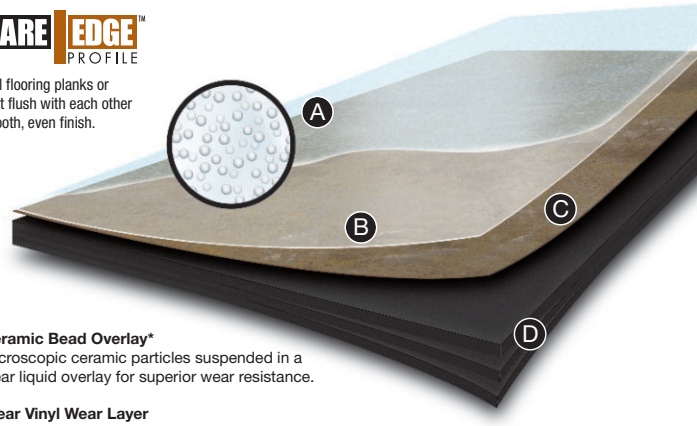
ENGLISH SLATE & STONE

Product Construction

SQUARE EDGE™ PROFILE

Individual flooring planks or tiles meet flush with each other for a smooth, even finish.



(A) **Ceramic Bead Overlay***
Microscopic ceramic particles suspended in a clear liquid overlay for superior wear resistance.

(B) **Clear Vinyl Wear Layer**
Transparent vinyl wear layer provides significant durability against scuffs and abrasions.

(C) **High-Resolution Printed Decorative Film**
High resolution printed film delivers the beauty and realism of natural stone.

(D) **Solid Vinyl Core Layers**
Multiple layers of solid vinyl are pressed together to form a dimensionally stable yet flexible core.

**These collections are offered in two finishes – Ceramic Bead and PVC Finish. Please review the final specifications on the product for further details.*

Feature	Benefit
Moisture-Resistant Solid Vinyl Construction	• Extremely durable, moisture resistant, dimensionally stable, warm & comfortable under foot. • Resists peeling, cracking and delamination. • Will not harbor dust or allergens. • Is FloorScore® certified thereby promoting good indoor air quality.
Versatile Glue-Down Installation	• Can be installed over a variety of substrates when used in conjunction with Prevail Pressure Sensitive, Wet-Set, Epoxy and Spray-Applied adhesives. • Can be installed over Prevail GDP (glue-down pad) when reduced sound transmission or reduced reflected sound is required, such as in multi-story applications.
Outstanding Surface Properties	• Our transparent vinyl wear layer provides significant durability against scuffs and abrasions. • Provides stain-and-wear resistance and greatly simplifies care & maintenance.
Authentic Looks & Textures	• Products are available in a broad range of natural stone and tile visuals to complement any décor, and each design is made more lifelike through the use of a variety of surface textures. • Our high-resolution printed images deliver the appearance of natural materials at a fraction of the cost and with easier care & maintenance versus ceramic or stone products.
Low Maintenance	• Simply sweep, dust mop or vacuum daily. • Damp-mop as needed using Prevail Neutral Cleaner following the instructions on the bottle. • Use walk-off mats at outside entrances. • No waxing, polishing or buffing required…it's that easy!
Application Versatility	• These highly engineered products are recommended for Retail, Healthcare, Assisted Living, Hospitality, Multi-Family, Corporate, Educational and Residential environments. • They're ideal for any location within a home including below-grade in basements. • These products are also resistant to water-spills and can be used in baths, laundry rooms and kitchens.