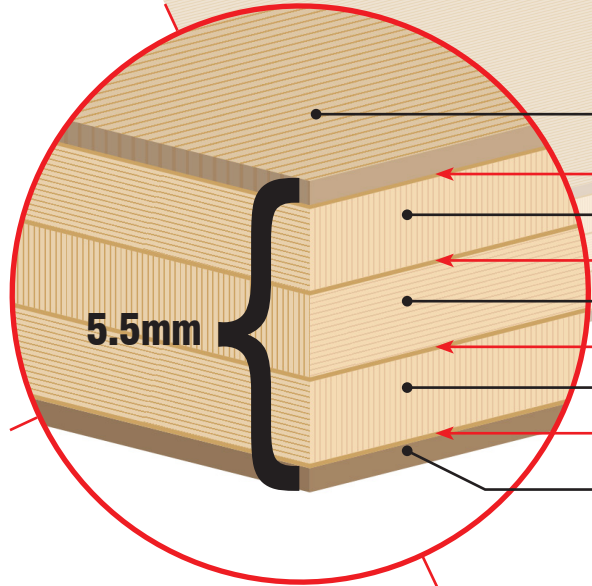


PowerPlex™

FLOORCOVERING UNDERLAYMENT

by **POWERHOLD**



Ply 1: Top veneer provides a dense smooth surface. Sanded, filled and printed with nailing pattern.

Premium Exterior-Grade Adhesive

Premium filled Poplar hardwood

Premium Exterior-Grade Adhesive

Premium filled Poplar hardwood

Premium Exterior-Grade Adhesive

Premium filled Poplar hardwood

Premium Exterior-Grade Adhesive

Ply 5: Bottom veneer layer provides a smooth, even backing that helps to stabilize the panel.

Processed, Printed and Tested in the USA ✓

**Does not rely on
foreign Quality
Assurance!**

NO VOIDS — Ultrasonic Tested in the USA

**Installer-Friendly Nailing Pattern —
Printed in the USA**

**'TILE-TITE' Square Edge Edges —
Trimmed and Squared in the USA**



- **Standard Sizes: 4' x 4' and 4' x 8'**
- **Easy Cut: Score & Snap**
- **Time Tested: Lifetime Warranty**
- **Residential / Commercial**



TECHNICAL DATA SHEET POWERPLEX UNDERLAYMENT

| | |
|---|--|
| Material: | 5.5 mm (5 ply) ; birch face veneer/3 ply core of hardwood construction/moisture resistant adhesive |
| Glue: | Exterior Grade; Passes APA Boil Test |
| Formaldehyde: | Compliant with the TSCA Title VI or the California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) Phase II emission standards |
| Dimensions: | Available in 4' x 4' & 4' x 8' panel. Precision square cut for a TileTite fit. Each panel ultrasonically tested for voids. |
| Nailing Pattern: | Each panel is printed with a proprietary nailing pattern for proper installation. |
| Core: | Rugged solid puncture resistant hardwood core. |
| Thickness: | 5.5mm for vinyl floors and general purpose use. |
| Surface Treatment: | Fine sanded face to provide a smooth surface and consistent thickness. |
| Moisture Content: | 7.0% (50%RH @ 20°C) |
| Stain Resistance: | Non-staining veneers and ink; compatible with all vinyl floor coverings. |
| Density: | 30.9 lbs/cu.ft. |
| *Internal Bond: | 360.0 PSI |
| *Modulus of Elasticity: | Perpendicular: 110,000 PSI Parallel: 1,130,000 PSI |
| *Compression: (Crushing Strength) | 2398 lbs/in ² |
| *Janka Ball Hardness: | 731 lbs. |
| *Thickness Swell: 24-Hour Soak: Edge Swell | 7.8% |
| *Linear Expansion: | Perpendicular % Change: 0.106%@ 50% - 90% Relative Humidity Parallel % Change: 0.109@ 50% - 90% Relative Humidity |
| Thermal Resistance: (R-Value) | 0.28 ft ² -hr-°F/BTU |
| Flame Spread Rating: Flame Spread Class: | 80 - 200 Class III or Class C |
| Standards: | ASTM D 1037 ASTM E - 84 |
| Vinyl Manufacturers Recommendations: | Meets performance of Armstrong, Congoleum, Mannington and Tarkett. |
| LACEY ACT: | POWERPLEX Hardwood Underlayment is sourced in compliance with Lacey Act. |

October 2020

