

TECHNICAL SHEET

**HIGH-PERFORMANCE
FLOOR VARNISH**
PE700470 • PE700471
PE700472 • PE700473
PE700475 • PE700476
PE700477 • PE700478

DESCRIPTION

Water-based urethane varnish recommended for all interior wood surfaces: floors, furniture, woodworks, doors, cabinets, etc. The Passeport Élite High-Performance Floor Varnish is formulated with an aliphatic polyurethane resin of high quality and its components are derived from advanced technologies. Its unique composition makes it a professional quality varnish that will provide a non-yellowing and durable finish, with the added benefits of low odour and fast drying time. It takes advantage of the aluminum oxide technology for excellent surface hardness and abrasion resistance.

APPLICATION

Surface preparation

Surfaces must be clean, dry and free from wax, grease, dirt and dust.

New floor: Sand according to recommendations. Finish sanding with 120 or 150 grit sandpaper. Do not use steel wool. Vacuum thoroughly and wipe with a dry cloth to remove all sanding dust.

Stained floor: Make sure the surface is thoroughly dry before applying Passeport Élite High-Performance Floor Varnish. Spot test for compatibility.

Previously finished floor: To refinish, sand floor according to recommendations to completely remove old finish. To recoat, clean floor to remove all dirt and sand with 120 grit sandpaper to sufficiently roughen floor. Check for contamination in a less visible area.

Check adhesion of old finish. Spot test for compatibility. Do not use on a floor that did not pass the test. When test fails, full sanding is then required.

Mixing and application

Make sure material is at room temperature. Stir the varnish well before adding catalyst. Apply 2 to 3 uniform coats following the wood grain. For commercial use, it is recommended to add, when applying the last coat, 0.5 oz. of Passeport Élite A.T. Catalyst per litre of varnish while gently stirring during 30 seconds. Let stand for 5 to 10 minutes before applying, allowing air bubbles to surface. Material with catalyst added should be used within 24 hours. After 24 hours, it can be used as an initial coat on a different job.

Curing

Wait 24 hours before allowing light traffic on the final coat. The curing process takes approximately 7 to 10 days (75% cured after one day; 90% after 3 days). Place rugs after one week.

NOTE

To the best of our knowledge, the information contained herein is accurate. Since conditions and methods are beyond our control, no warranty is expressed or implied as for the final result. The user is advised to access the suitability of the product on a test area before application.

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TECHNICAL INFORMATION

Drying times

1 to 3 hours at 70°F and 50% relative humidity. Drying time may vary according to room temperature and relative humidity.

Recommended applicators

Brush, roller, pad applicator or spray.

Clean up

Clean all tools with warm water and soap immediately after use.

Storage

Store at room temperature. PROTECT FROM FREEZING. KEEP OUT OF REACH OF CHILDREN.

Shelf life

At least 1 year in a well closed container.

Product specifications

pH	8.0-8.5
Solids	30 ± 1% (by weight); 27 ± 1% (by volume)
Viscosity	34-36 seconds (Ford cup #4)
Density	1.03-1.05 kg/L
Coverage	500 to 600 square feet per gallon (3.78L)
VOC	207-215 g/L
Gloss levels	Gloss = minimum 85% Semi-gloss = 55-60% Satin = 25-30% Mat = maximum 10% (measured at an angle of 60°)
Catalyst	15 ml (½ oz.) of Passeport Élite A.T. Catalyst per liter (32 oz.) of varnish (pot life: 24 hours once catalysed)