

PROFLEX™

PWA - 160

ACRYLIC / URETHANE WOOD FLOORING ADHESIVE

DESCRIPTION

PROFLEX PWA-160 is a premium, high solids, acrylic-urethane latex based adhesive designed for the demands of wood floor installations.

TYPICAL USE

PROFLEX PWA-160 is suitable for installing finish wood surfaces including finger block parquet, 3 ply and 5 ply engineered plank $\leq 1/2"$ thick and $\leq 5"$ wide. PROFLEX PWA-160 is NOT recommended for engineered wood exceeding the $1/2"$ thick $5"$ wide, Solid Wood Flooring or Bamboo.

ADVANTAGES

- Easy Application
- Strong Wet/Green Grab

TECHNICAL INFORMATION

Open Time	(70°F, 45%RH)	15 mn
Working Time	(70°F, 45%RH)	45 mn
(Higher temperature and humidity will decrease open and tack onset times)		

V.O.C. Level	16.0g/l
Flash point	N/A
Freeze / Thaw	Protect Product From Freezing
Shelf Life	12 months unopened containers stored in ambient conditions

RECOMMENDED TROWELS / COVERAGE



PREFINISHED PARQUET
UP TO $3/8"$ THICK

70-80 SQ.FT. / GALLON



ENGINEERED PLANK
PREFINISHED PARQUET
 $\leq 1/2"$ THICK, $\leq 5"$ WIDE

45-55 SQ.FT. / GALLON

HEALTH AND SAFETY

Wear protective clothing and eye protection when using this product. Wear rubber gloves during application of product to avoid contact with skin. Use only in well ventilated areas. EMERGENCY PROCEDURES. SKIN: wash thoroughly with soap and water. EYES: flush with water for 15 minutes. Seek immediate medical attention. INHALATION: Remove person to fresh air. INGESTION: Do not induce vomiting, seek immediate medical attention.

INSTALLATION GUIDELINES

(READ FULLY BEFORE USING PRODUCT)

SURFACE PREPARATION

Subfloors must be level, structurally sound, dry, smooth, flat, level, free of excess moisture/alkali and all substances (oil, wax, grease, paint, oil based sealers, etc.) that might interfere with the performance of the flooring or its installation. For use in interior environments only. Room temperatures should be maintained as close to 70 degrees Fahrenheit and have a 45% relative humidity at least 72 hours before, during, and after installation of product. Floor moisture must be measured prior to installation. Maximum moisture presence should not exceed 3# per 1000/sq.ft per 24 hours, based on a Calcium-Chloride (CaCl) test. All substrate cracks, holes, high spots and irregularities must be adequately repaired to ensure a smooth, finished appearance to prevent show through and accelerated wear. Patching compounds must be cement-based polymer-modified suitable for the use application and applied according to the manufacturer's instructions. Refer to ASTM 710 Standard Practice for Preparing Concrete Floors.

Concrete must be flat ($1/8"$ 10 feet) with a minimum 3,000 psi. Burnished or steel troweled concrete must be roughened using a minimum 30-grit abrasive. Irregular substrates will lead to "hollow spots" or "popping." It is very important to have a smooth, level surface.

Wood – Subflooring, such as APA underlayment grade plywood, hardwood, oriented strand board (lightly sanded), or other materials, must be flooring grade and installed to the manufacturer's specifications with adequate ventilation and moisture protection. Cracks, chips and joints must be properly patched or repaired. Ensure wood substrates have a minimum 18" crawl space with adequate ventilation and moisture barrier protection. Wood substrates must not have more than 12% moisture content. Ensure moisture content of wood subfloor is within acceptable moisture range of wood flooring prior to installation. Expansion or other moving joints must not be filled or covered with flooring.

APPLICATION and INSTALLATION

Check flooring manufacturer's required expansion spacing around the perimeter of the room and any stationary objects prior to spreading adhesive. Spread adhesive uniformly. Allow up to 15 minutes of open time before you place your flooring into the adhesive. Adhesive ridges should be of sufficient height to achieve full coverage of the substrate and the deepest recesses in the back of the flooring material. Place flooring into the adhesive while the adhesive is still fresh and transfers readily to the flooring backing. The amount of time in which you have to place the flooring will vary with temperature and humidity. The higher the temperature and the lower the humidity the faster the adhesive will set. Ensure boards are in full contact with the adhesive. Lift a board periodically to see if the adhesive is transferring 100% to the back of the flooring. If the adhesive is not transferring to the backing of the underlayment remove adhesive and reapply.

After Installation – Restrict foot traffic and moving of heavy objects for 24 to 48 hours to allow adhesive to cure properly. Premature traffic can cause installation failure.

CAUTIONS AND LIMITATIONS

PROFLEX PWA-160 is not a moisture barrier by itself. If moisture levels in the substrate exceed recommended levels, contact technical support for further instructions. Do not use on wet, frozen, friable, or contaminated surfaces. Do not add water or mix adhesive.

WARRANTY INFORMATION

PROFLEX PWA-160 offers a limited liability warranty. Specific terms, conditions, and limitations of the warranty may be obtained by contacting our technical support staff, or by visiting our website at www.proflex.us

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