

1. PRODUCT NAME

PWA 160

2. MANUFACTURER

PROFLEX® Products, Inc.
2826 Broadway Center Blvd
Brandon, Florida 33510
Telephone: 863-937-9623
Toll Free: 877-577-6353
Fax: 863-937-9624
Internet: www.proflex.us



3. PRODUCT DESCRIPTION

Description

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

Typical Uses

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

4. TECHNICAL DATA

Open Time	(70F, 45%RH)	15 Minutes
Working Time	(70F, 45%RH)	45 Minutes
<i>*Higher temperature and humidity will decrease open and tack onset times</i>		
V.O.C. Level	16.0 g/l	
Flash Point	N/A	
Freeze/ Thaw	Protect product from freezing	
Shelf Life	12 Months unopened containers stored in ambient conditions	

Coverage

Coverage will vary with condition of substrate. Select the trowel size that will ensure 100% coverage. Figures below are presented only as guidelines.

Flooring Type	Trowel Size	Coverage
Prefinished Parquet up to $\frac{3}{8}$ " thick	$\frac{1}{8}$ " x $\frac{1}{8}$ " x $\frac{1}{8}$ " Sq. Notch	70-80 Sq. Ft./ Gallon
Engineered Plank and Prefinished Parquet $\leq \frac{1}{2}$ " thick, ≤ 5 " Wide	$\frac{1}{4}$ " x $\frac{1}{4}$ " x $\frac{1}{4}$ " Flat Top V Notch	44-55 Sq. Ft./ Gallon

5. INSTALLATION

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 installation. For use in interior environments only. Room temperatures should be maintained as close to 70F and has 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 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 ($\frac{1}{8}$ " 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 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 flooring prior to installation. Expansion of 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 the temperature and humidity. The higher the temperature and 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 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.

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.

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. **DO NOT USE WITH PROFLEX® MEMBRANES.**

6. AVAILABILITY

PROFLEX® Products are available nationwide.

To locate PROFLEX® products in your area, please contact:

Phone: 877-577-6353

Website: www.proflex.us

7. WARRANTY

PROFLEX Products, Inc. offers a limited warranty for this product when used in accordance with printed specifications. A copy of the limited warranty can be obtained by calling technical services at 877-577-6353 or visiting www.proflex.us

8. MAINTENANCE

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the Technical Support

Toll Free: 877-577-6353

Fax: 863-937-9624

Technical and safety literature: To acquire technical and safety literature, please visit our website www.proflex.us

10. FILING SYSTEM

Division 9