

1. PRODUCT NAME

PWA-500

2. MANUFACTURER

PROFLEX® Products, Inc.
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Brandon, Florida 33510
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3. PRODUCT DESCRIPTION

PWA-500 is a two in one urethane moisture barrier and wood flooring adhesive designed to install material such as: Laminated/engineered flooring and parquet flooring over wood or concrete. Application of this product gives the moisture barrier and the wood flooring adhesive in one trowel on application.

Advantages

- Moisture Vapor Transmission up to 15 pounds
- Strong wet / Green grab
- Moisture Barrier
- Quiets floors

Packaging

5 US Gallons, 36 Containers per pallet

Shelf-Life

Product is packaged in a 5 gallon metal pail which keeps it stable one year in the unopened pail (store under ambient conditions in a dry area). Cured material is not considered hazardous. Partially used containers can have their original lid replaced and sealed. Upon the next use, remove the lid, cut away and discard any skin formation and proceed with application.

4. TECHNICAL DATA

Not applicable.

5. INSTALLATION

Thoroughly read and understand this datasheet prior to use of PROFLEX® PWA-500.

Surface Preparation

Surfaces such as concrete, cement based backer boards, terrazzo and thoroughly abraded ceramic tile must be dry and free of dirt, loose particles, oil, wax, grease or any other substance which may affect adhesion. Floor level must not vary beyond 1/8" per 10 feet. If some materials prove hard to remove during preparation, surface abrasion such as sandblasting or some similar method must be used. If the flooring is clearly wet or damp or appears to have moisture present, correct the problem before using PWA-500.

Floor Moisture Content Guidelines

If the floor appears damp or is susceptible to moisture, pre-test the floor for moisture using a Tramex Concrete Moisture Encounter, an in-situ relative humidity probe or the ASTM F 1869 calcium chloride moisture content test method. If the Tramex is initially used and reads 5.5 or less, or the relative humidity probe reads 85% humidity or less, proceed with the application. If the Tramex or RH probe reads higher, carry out the ASTM F 1869 calcium chloride test. If the moisture level tests higher than 15 lbs. per 1000 sq.ft. per 24 hours, do not use the PWA-500, as moisture at this level indicates significant moisture problems, which must be addressed prior to flooring installation. If the moisture is at or below 15 lbs., proceed with the application.

Limitations

Do not use over concrete treated with sealers or curatives.

Do not use over gypsum based patches or underlayments.

Product will not negate excessive sub floor moisture problems such as hydrostatic pressure. Hydrostatic pressure occurs when the sub floor restricts a body of water from flowing along its' normal path. This pressure is unpredictable and can cause failure of the sub floor and any associated coating or barrier system.

Do not use if the floor moisture is outside the floor moisture content guidelines.

Application and Method

PWA-500 must be applied using the specified trowel. The trowel must be replaced every 800 square feet. The use of any other trowel to apply PWA-500 will void all warranties and claims made by PROFLEX® Products, Inc. regarding this product. Trowel out the PWA-500 like a standard urethane wood flooring adhesive, ensuring 100% coverage of the area where the wood flooring is to be installed. Immediately following trowel application, wet lay the wood flooring into the uncured PWA-500, ensuring 100% contact of the flooring into the PWA-500 is achieved, then tape the flooring, ensuring all defective flooring is discarded prior to installation.

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| 1. Multi-Ply Engineered Plank up to 8" wide and up to 5/8" thick (not below grade). | 3/16" x 1/4" V-Notch Coverage approximately 40 sq. ft. /gal. |
| 1. Solid and Bamboo Flooring up to 8" wide and up to 5/8" thick (not below grade). | 1/4" x 1/4" V-Notch Coverage approximately 30 sq. ft. /gal. |
| 1. Multi-Ply Engineered Plank up to 8" wide and up to 5/8" thick (below grade). 2. Multi-Ply Engineered Plank, Solid and Bamboo Flooring up to 8" wide and greater than 5/8" thick (not below grade). | 15/32" x 1/2" V-Notch Coverage approximately 20 sq. ft. /gal. |

Floor traffic should be light for the first 12 hours after installation, as excessive traffic can damage the moisture retardation effect of the PWA-500. Full traffic can resume after 12 hours.

Clean any spilled PWA-500 with mineral spirits prior to curing. Follow the cautionary dialogue on the mineral spirits container, as mineral spirits is flammable.

For standard protection, wear safety glasses and disposable gloves.

Safety Data and Warnings

May contain calcium carbonate (CAS 1317-65-3), MDI / methylene diphenyl diisocyanate (CAS 101-68-8). Contains no California Proposition 65 listed chemicals. Flash Point >200F. Volatile Organic Content. (V.O.C.) <30g/l. *Keep out of reach of children. Product is intended for residential use. Store in tightly sealed container. Avoid direct skin contact. Not for internal consumption. Consult SDS sheet prior to using this product.*

Further Safety Warnings:

KEEP OUT OF REACH OF CHILDREN

PRODUCT INTENDED FOR INDUSTRIAL USE

STORE IN A TIGHTLY SEALED CONTAINER

AVOID DIRECT SKIN CONTACT

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET PRIOR TO USING THIS PRODUCT

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. warrants PWA-500 to be effective in installing and protecting wood flooring over floors which push up to 15 pounds of moisture per 1000 sq. ft. per 24 hours, based on ASTM 1869 Calcium Chloride test (CaCl) method and to be in accordance with its technical properties outlined on its data sheet for 10 years following the date of installation, provided PROFLEX® Product PWA-500 has been used in accordance with its datasheet. The user of the product determines its suitability for any intended use and assumes all associated risks thereof. This warranty is to the original purchaser. This warranty is not assignable or transferable. In the event of a warranty claim, PROFLEX® Products, Inc. will pay for reasonable material for a one-time replacement of the area, which is defective as a result of the product and not other factors as deemed by PROFLEX® Products, Inc. Examples of other factors would be: poor sub-floor preparation, poor product application, poor trowel maintenance, hydrostatic pressure of water through the sub-floor, flooding, movement of water from other areas, overly high relative humidity and any other type of damage which cannot be proven to be the result of excessive moisture migration through PWA-500 due to standard atmospheric humidity and pressure changes. Buyer's sole remedy shall be limited to the one-time replacement price of the aforementioned material exclusive of labor or cost of labor. No warranty other than the aforementioned is expressed or implied regarding the product, including any warranty for the sale of this product for a particular application. PROFLEX® Products, Inc.



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assumes no responsibility for personal injury or property damage to sellers, users or third parties caused by this material. Such sellers or users assume all risks associated with this material.

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