

WET-SET SOLID VINYL PLANK AND TILE ADHESIVE

FEATURES AND BENEFITS

- Hard-setting, permanent bond
- Plasticizer migration resistant for use with EarthWerks solid vinyl flooring
- Excellent indentation resistance
- Easy trowelability and low in VOCs

DESCRIPTION

EW-250 is a hard-setting, wet-set, water-based acrylic adhesive that provides a secure, movement-resistant bond for EarthWerks Luxury Vinyl Tile & Plank. (Note: Avante Series grouted vinyl tile requires the use of a pressure-sensitive adhesive.) EW-250 is designed for use over porous substrates, is easy to apply and provides excellent working time for flooring installation.

WHERE TO USE

For the installation of EarthWerks solid vinyl plank and tile (excluding Avante Series)

LIMITATIONS

Do not install over any substrates containing asbestos. For interior installations only. Do not use to install non-porous floor coverings over non-porous surfaces. Do not apply over any adhesive residues including cutback adhesive. Do not install when the moisture vapor emission rate (MVER) exceeds 5 lbs. per 1,000 sq. ft. (2,27 kg per 92,9 m²) per 24 hours, when using the anhydrous calcium chloride test (ASTM F1869). Do not install when relative humidity of concrete slabs exceeds 80% (ASTM F2170). Use only when the substrate temperature is between 65°F and 85°F (18°C and 29°C).

SUITABLE SUBSTRATES

Exterior-grade plywood, Group 1, CC type and other approved wood underlayments (per manufacturer recommendations). Concrete and properly prepared cement terrazzo. Cement-based self-leveling underlayments and patching compounds. Embossing levelers applied over existing, properly prepared and fully bonded ceramic tile, non-cushioned sheet vinyl (one layer only) and vinyl composition tile (VCT) – one layer only. Properly prepared and primed gypsum underlayments that meet the ASTM F2419 requirements for compressive strength. Radiant-heat systems that have been properly

installed. See EarthWerks installation instructions available at www.earthwerks.com.

Consult EarthWerks Technical Services Department for installation recommendations regarding substrates and conditions not listed.

SURFACE PREPARATION

All substrates must be structurally sound, dry, solid and stable. Substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion. All surfaces must be level, even, flat and smooth.

MIXING

Ready to use; no mixing necessary. Note: Choose all appropriate safety equipment before use. Refer to MSDS for more information.

PRODUCT APPLICATION

1. Read all installation instructions thoroughly before installation.
2. Select the appropriately notched trowel (see "Approximate Product Coverage" section).
3. Spread adhesive evenly over the subfloor using a 1/32" x 1/16" x 1/32" U- notch trowel, keeping the trowel at a 45° angle to the subfloor.
4. Do not apply more adhesive than can be covered within 20 minutes over porous substrates. EW-250 must be installed into wet adhesive to achieve 100% transfer to the back of the flooring. Periodically check the back of the floor to make sure proper transfer is being achieved.
5. Install flooring in strict accordance with written EarthWerks flooring installation instructions available at www.earthwerks.com.
6. Roll the flooring with a 100-lb. three-section floor roller across the width and length of the flooring surface between 30 to 60 minutes after installing floor.

CLEANUP

1. Promptly clean any adhesive smudges from the flooring material's surface with water

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while the adhesive is still fresh/wet.

2. Clean tools with water while the adhesive is still fresh/wet. Clean with mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

APPROXIMATE PRODUCT COVERAGES

Flooring Type	Typical Trowel	Coverage*
EarthWerks Vinyl Plank and Tile	U-notch: 1/32" x 1/16" x 1/32" (1 x 1,5 x 1 mm)	185 to 245 sq. ft. per U.S. gal. (4,53 to 6,0 m ² per L)

* *Trowel dimensions are depth/width/space. Coverages shown are for estimating purposes only. Actual jobsite coverages may vary according to substrate conditions, type of trowel used and setting practices.*

Warranty: EW-250 is warranted to not break down or lose its cohesive strength due to a manufacturing or formulation defect for 10 years from the date of installation, subject to certain exclusions and limitations set forth in the warranty, if used for its stated purpose and applied in accordance to these instructions.

Material Safety Data Sheet

EW-250

Wet-Set Solid Vinyl Plank and Tile Adhesive

Section I - PRODUCT IDENTIFICATION

Generic ID: Acrylic Latex Based Flooring Adhesive
DOT Hazard Classification: None
Product Identity: EarthWerks EW-250 Water Based Acrylic Adhesive

Stability:	Stable
Incompatibility:	None
Hazardous Decomposition:	None
Hazardous Polymerization:	None
Conditions to Avoid:	None known

Section II - HAZARDOUS COMPONENTS

Hazardous per OSHA Regulation: 29CFR1910.1200 (Eye Irritant)

Section III - PHYSICAL DATA

Initial Boiling Point:	212°F
Vapor Pressure:	N/A
Vapor Density (Air= 1.0):	N/A
Specific Gravity:	1.3 - 1.6
G/L VOC (calculated):	0.00
Percent Volatiles:	50.4%

Section IV - FIRE AND EXPLOSION DATA

Flash Point:	NA
Explosive Limit (Product):	NA
Extinguishing Media:	NA
Hazardous Decomposition Products:	None
Special Fire Fighting Procedures:	None
Unusual Fire & Explosion Hazards:	None

Section V - HEALTH HAZARD DATA

Permissible Exposure Level:	NA
Threshold Limit Value:	NA
Effects of Exposure:	Eyes- Possible mild irritation. Skin- May cause slight irritation. Breathing- May cause slight irritation. Swallowing- None known.

First Aid: Skin- Soap and water. Eyes- immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention. Ingestion- flush out mouth with water. If ingestion of a large amount does occur, seek medical attention. Inhalation- If affected, remove individual to fresh air. Use only in well ventilated areas.

Section VI - REACTIVITY DATA

Section VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material. Solidified materials accepted for landfill disposal in most locations. Check all local, state and federal regulations.

Section VIII - PROTECTIVE EQUIPMENT

Ventilation: Open all available windows and entrances to insure good ventilation.
Respirator Protection: None needed.
Protective Gloves: None Needed.
Eye Protection; Wear glasses or protective goggles to avoid splashes.
Other Protective Equipment: None required.
Wash Hands Thoroughly with Soap and Water.

Section IX - SPECIAL PRECAUTIONS

Protect from freezing. Use only in applications as stated on the label. Do not take internally. Close container after each use. Avoid skin and eye contact.

Ventilation with fresh air, including doors and windows should be observed during any flooring installation. Operate HVAC systems at 100% fresh air intake before, during and after installation to eliminate lingering odors or particulate matter.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with company or not. Recipients are advised to conform in advance of need that the information is current, applicable and suitable to their circumstances.

KEEP OUT OF REACH OF CHILDREN.



Made in the U.S.A. Exclusively for EarthWerks.