

### DESCRIPTION:

Anderson Green Grab™ Wood Flooring Adhesive is a high solids, cross-linking, resin-based adhesive formulated for the interior installation of Anderson/Appalachian/ Virginia Vintage engineered wood flooring. Anderson Green Grab™ is Greenguard® Indoor Air Quality Certified, solvent free, has a low VOC content, contains no hazardous chemicals as per OSHA Regulation CFR1910.1200 and is a nonflammable, low odor adhesive that meets all federal, state, and local governmental indoor air quality regulations. This specially formulated adhesive has excellent early strength buildup for immediate grab and gradually builds into a tenacious but resilient bond as the components in the adhesive cross-link.

Anderson Green Grab™ adhesive can be used over APA grade underlayment plywood, cork underlayments, existing well-bonded vinyl tile and sheet flooring, terrazzo, and high compressive strength concrete. DO NOT use for lightweight concrete installations. Can be used for all grade levels in the absence of excessive moisture and alkali. The pH levels of concrete should be between 5-9. While this adhesive is waterproof when cured, the wood flooring still must be protected from excessive moisture. Although this adhesive retards MVT, it is not intended to function as a moisture barrier. Moisture levels of concrete must not exceed 3 lbs. per 1,000 square feet per 24 hours (1.36 kg per 92.9m<sup>2</sup> per 24 hours) using an anhydrous calcium chloride test kit according to ASTM F-1869 test method. Follow the installation guidelines for allowable levels of moisture. Wood underlayments must have a moisture content at or below 12% using a Tramex or Delmhorst invasive (pin-type) wood moisture meter. For concrete slabs with excessive moisture levels over 3 pounds contact Anderson Technical Services at 864-408-3000.

\*Installation Note: Adhesives applied over non-porous substrates require extended drying time. Sealed concrete subfloors are rendered non-porous and should be treated as such.

### SUBSTRATE PREPARATION:

Substrate must be clean, flat, dry and structurally sound. It must be free of dust, dirt, wax, loose paint, incompatible curing compounds or fire retardant chemicals, fungicides, release agents, sealers, or any other foreign substances that might interfere with a good bond. Substrate must be level to 3/16" in 10' or 1/8" in 6'. Fill all cracks, holes and low spots with a polymer modified cementitious patching or leveling compound and allow to fully cure before applying adhesive. High spots must be ground level. Substrate, adhesive and wood flooring must be stored in an enclosed building with the HVAC operational and running for at least 72 hours before, during and after the installation. The installation temperature and relative humidity must be controlled between 65°F-95°F (18.3°-35°C) and between 35-55% relative humidity. Open time will vary with temperature and humidity or porosity of the substrate.

Note: Refer to the Installation Guidelines regarding acceptable site conditions and installation requirements.

### TROWEL RECOMMENDATIONS:

| Flooring Product                                                                                                                                                               | Trowel Size* and Notch                                   | Coverage                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| Engineered Products – all 3/8" and 1/2" products up to 4.5" wide                                                                                                               | 3/16" x 1/4" x 1/2" flat v<br>4.8mm x 6.4 mm x 12.7mm    | Up to 60-70 sq. ft./gal<br>Up to 2.0 sq. meters/liter |
| 1/2" Engineered Products 5" or wider                                                                                                                                           | 3/16" x 1/4" x 5/16" flat v<br>4.8mm x 6.4 mm x 7.9mm    | Up to 50-60 sq. ft./gal<br>Up to 1.5 sq. meters/liter |
| Cork tile, cork sheet, and cork underlayment:<br><i>Install cork flooring into wet adhesive.<br/>Curled cork tile or cork sheet may require 5-10 minute advance cure time.</i> | 1/16" x 1/16" x 1/16" square<br>1.6 mm x 1.6 mm x 1.6 mm | Up to 250 sq. ft./gal<br>Up to 6.1 sq. meters/liter   |

\*Trowel dimensions are width x depth x spacing

cont.

## INSTALLATION:

1. Follow wood flooring manufacturer's guidelines for layout, design and any special precautions for installation.
2. Spread adhesive using recommended trowel (see trowel recommendation chart). When installing engineered plank greater than 7/16" (11.10 mm) allow 10 minutes advance cure or "flash off" time. Working time is approximately 50-60 minutes under acceptable temperature & humidity conditions. Adhesive must transfer 100% to the wood floor. If substrate is non-porous, a longer advance cure or "flash off" time may be necessary.
3. Lay wood flooring into adhesive. Wood may slip and move so be sure to secure the initial row to limit movement and hold patterns. Occasionally lift a piece of wood to assure adhesive is achieving 100% transfer. If proper transfer is not achieved remove dried adhesive and apply more using recommended trowel. The use of 3M 2080 Blue tape to temporarily hold the edges together may be necessary until installation is complete. Remove tape upon completion of installation.
4. When installing near a solid object or wall, leave proper expansion (refer to installation guidelines). Installing wood too tight against a stationary object will not allow room for normal wood expansion, which may cause a failure. When installation is complete, use wedges or some object to hold wood in place while adhesive dries. Remove wedges after initial setting of adhesive (approximately 2 hours) to allow for normal expansion of wood. Failure to remove wedges can cause the wood flooring to buckle and pop off the substrate.
5. Roll and cross roll floor with a 100-150 lbs. (45.36-68.04 kg) roller at the end of the installation to ensure proper transfer of adhesive.
6. When installing unfinished wood flooring, wait a minimum of 72 hours before sanding.
7. Restrict light traffic for a minimum of 16 hours. Restrict heavy traffic for a minimum of 24 hours after installation is complete.

## PHYSICAL PROPERTIES

|                 |                                                                                                                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VOCs:           | Negligible                                                                                                                                                                                                                        |
| Appearance:     | Green, smooth, easy-to-spread mastic.                                                                                                                                                                                             |
| Working time:   | Approximately 60 minutes.                                                                                                                                                                                                         |
| Shelf life:     | One year in unopened container at 70° F (21.10°C).                                                                                                                                                                                |
| Flammability:   | Non-flammable, qualified for NFPA Class A and UBC Class 1 fire ratings as determined by the ASTM E-84 Tunnel Test. Conforms to the requirements of the Hill-Burton Act and passes the Pill Test.                                  |
| Other Features: | Freeze/thaw stable to 10° F. Waterproof bond when dry and cured. Made with anti-microbial agents that will provide its dry film with protection from fungal growth. This protection is determined using the ASTM G21 test method. |
| Clean Up:       | Remove wet adhesive with a water dampened cloth. If adhesive has dried, clean-up with Taylor Touchdown #9 Adhesive Remover/Stripper.                                                                                              |

## CAUTION

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

## WARRANTY INFORMATION

This product is manufactured according to exacting quality control standards and is warranted to be free from manufacturing defects. Defective material called to our attention within one year of manufacture will be replaced. No guarantee, expressed or implied, is made regarding the performance of this product since the manner and conditions of application are beyond our control.

For complete Technical & Warranty information (including MSDS specifications) call Anderson technical services at 864-408-3031. You may also visit us on the web at [www.AndersonFloors.com](http://www.AndersonFloors.com)

# Anderson enSurance Green Grab Wood Flooring Adhesive

## MATERIAL SAFETY DATA SHEET

### SECTION I IDENTIFICATION

**Manufactured For:** Anderson Floors  
110 Milacron Dr  
Fountain Inn, SC 29644  
864.480.3031

**Manufactured By:** W.F. Taylor Co., Inc.  
11545 Pacific Ave.  
Fontana, CA 92337  
951.360.6677

**Emergency Phone No.:** 800.535.5053

**Manufacturer's Code Identification:** 2071-4-AN

**Product Class:** Amide-Ester-Acrylate-Resin Blend

**Trade Name:** Anderson enSurance Green Grab Wood  
Flooring Adhesive

**Date Revised:** 01/14/10

### SECTION II HAZARDOUS INGREDIENTS

**None per OSHA Regulation:** 29 CFR 1910.1200

**SARA Title III Section 313 Chemicals:** None

| NFPA | HMIS  |
|------|-------|
|      | H = 1 |
|      | F = 0 |
|      | R = 0 |

### SECTION III PHYSICAL DATA

**Boiling Point:** No Data

**Evaporation Rate/Vapor Density:** Low

**Vapor Pressure:** Low

**LBS/GAL:** 10-10.3

**Percent Volatile:** 7-15 (by weight)

**Odor:** Mild

**Color:** Green

**Grams V.O.C. per liter of material:** Negligible

**Grams V.O.C. per liter of coating:** Negligible

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

**DOT Category:** Not regulated

**Flash Point:** N/A

**LEL:** N/A

**Extinguishing Media:** Water spray, dry chemical,  
CO<sub>2</sub> foam

**Unusual Fire and Explosion Hazards:** None Known

**Special Fire Fighting Procedures:** Use self-contained  
breathing apparatus and turn out gear

### SECTION V HEALTH HAZARD DATA

**Symptoms of Over Exposure:**  
Eyes: May cause mild irritation  
Skin/ Inhalation/ Ingestion: May cause slight irritation

**First Aid Procedures:**  
Eyes: Flush with water  
Skin: Wash with soap and water  
Inhalation: Remove to fresh air if needed

### SECTION VI REACTIVITY DATA

**Stability:** Stable

**Conditions to avoid:** Protect from freezing, excessive heat

**Hazardous decomposition products:** NO<sub>x</sub>, CO<sub>2</sub>, CO,  
Hydrocarbons of unknown structures

**Hazardous polymerization:** Will not occur

**Incompatibility/Materials to avoid:** Metal salts may coagulate  
the product

### SECTION VII SPILL OR LEAK PROCEDURES

**Steps to Be Taken if Material is Spilled:** Collect large  
amount of material into container for disposal. Use absorbent  
materials to collect and contain any remaining residue.

**Waste Disposal:** Abide by all Federal, State, and local  
regulations.

### SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiratory protection:** None required, NIOSH respirator if  
needed

**Ventilation:** Local exhaust

**Protective gloves:** Chemical resistant gloves

**Eyes:** Goggles

**Other protective equipment:** None

### SECTION IX SPECIAL PRECAUTIONS

**Precaution for Handling and Storing:** Do not puncture,  
protect from freezing and excessive heat

**KEEP OUT OF REACH OF CHILDREN**