



### Description of Product

Real Wood Cohesive is a 2 in 1 urethane adhesive and concrete sealer designed for installing engineered and parquet flooring. Application of this product will provide both a moisture barrier and the flooring adhesive in one easy trowel-on application.

### Product Features

- ❖ Significantly reduces install time vs. other barrier + adhesive systems
- ❖ Low VOC and low odor
- ❖ Lowers installation costs
- ❖ Good ridge holding and non-slump properties
- ❖ Superior green grab
- ❖ Fully cured product offers a superior moisture barrier
- ❖ Superior elasticity produces quieter floors with great acoustic properties

### 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 sand blasting or some similar method must be used.

### Installation

Thoroughly read and understand this data sheet prior to use of Real Wood Cohesive.

Before using Real Wood Cohesive on applications over 5000 square feet, contact Real Wood Floors.

### 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 or the ASTM F 1869 calcium chloride moisture content test method. If the Tramex is initially used and reads 5.5 or less, proceed with the application. If the Tramex reads higher than 5.5, carry out the ASTM F 1869 calcium chloride test. If the moisture level tests higher than 10 lbs. per 1000 sq.ft. per 24 hours, do not use Real Wood Cohesive, as moisture at this level indicates significant moisture problems, which must be addressed prior to flooring installation. If the moisture is at or below 10 lbs., proceed with the application.

### Application and Method

Real Wood Cohesive is applied using a continuous v-notch trowel, having teeth width of 1/4" and depth of 3/16". The trowel must be replaced every 500 square feet. The use of any other trowel to apply Real Wood Cohesive will void all warranties and claims made by Real Wood Floors regarding the Real Wood Cohesive product.

Trowel out the Real Wood Cohesive like a standard urethane wood flooring adhesive, ensuring 100% coverage of the area where the wood flooring is to be installed. Real Wood Cohesive will achieve coverage of approximately 40 square feet per gallon. Immediately following trowel application, wet lay the wood flooring into the uncured Real Wood Cohesive, ensuring 100% contact of the flooring into the Real Wood Cohesive is achieved, then tape the flooring, ensuring all defective flooring is discarded prior to installation. Floor traffic should be light for the first 12 hours after installation, as excessive traffic can damage the moisture retardation effect of the Real Wood Cohesive. Full traffic can resume after 12 hours. Clean any spilled Real Wood Cohesive with mineral spirits prior to curing. Follow the cautionary dialogue on the mineral spirits container, as mineral spirits is flammable.

Real Wood Cohesive can be used to install the following wood flooring types:

- ❖ 3 ply, 5 ply and multi-ply engineered strip and plank up to 7" wide and up to 5/8" thick.
- ❖ Finger block parquet 1/2" thick or less.

For standard protection, wear safety glasses and disposable gloves.

### **Packaging and Shelf Life**

Product is packaged in a 3.5 or 5 gallon metal pail which keeps it stable for 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.

### **Limitations**

Do not use over concrete treated with sealers or curatives. Do not use over gypsum based patches or underlayments. Do not use for below grade applications. 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.

### **Safety Data**

May contain calcium carbonate (CAS 1317-65-3), MDI / methylenediphenylenediisocyanate (CAS 101-68-8). Contains no California Proposition 65 listed chemicals. Flash Point: >200F. Volatile Organic Content (V.O.C): <100g/l.

### **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

Real Wood Floors warrants Real Wood Cohesive to be effective in installing and protecting wood flooring which is installed over floors which push up to 10 pounds of moisture per 1000 square feet per 24 hours based on the ASTM F 1869 calcium chloride test method and to be in accordance with its' technical properties as outlined on its' data sheet for 10 years following the date of installation, providing the Real Wood Cohesive product has been stored in accordance with its' data sheet, used within the duration of its' shelf life and applied in full compliance with its' data sheet. The user of this 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, Real Wood Floors shall pay for reasonable adhesive material for a one-time replacement of the area, which is defective as a result of the Real Wood Cohesive and not other factors as deemed by Real Wood Floors. Some examples of other factors which are not covered by this warranty would be: poor preparation of the sub-floor, poor product application practices, poor maintenance and replacement practices of the application trowel, hydrostatic pressure of water through the sub-floor, flooding, movement of water from other areas, overly high relative humidity and any type of damage which cannot be proven to be the result of excessive moisture migration through the Real Wood Cohesive due to standard atmospheric humidity and pressure changes.

Buyers' sole remedy shall be limited to the one time replacement price of the aforementioned adhesive material exclusive of labor or cost of labor.

No warranty other than the aforementioned is expressed or implied regarding this product, including any warranty for the sale of this product for a particular application. Real Wood Floors 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.