

Technical Data Sheet (TDS)

TGL-810 Tongue/Groove Glue

PVA Dispersion based Floating Wood Floor glue

Special features

- ▣ cold water resistant
- ▣ suitable for radiant heat systems



Product Description

PVA-Dispersion based floating wood floor glue. Contains no solvents, no VOC.

Superior bond strength

Resistant against aging

Suitable for radiant heat systems

Pre-Installation Checklist

A successful installation requires proper preparation of the sub floor. Read and understand all applicable guidelines and technical data sheets before installation. Follow industry standards and flooring manufacturer's recommendations for sub floor moisture content, design, layout and application of flooring materials. All slab constructions must meet the specific requirements of the floor covering to be installed.

Sub Floor Examination

Prior to installation, the sub floor must be checked according to NFWA installation guidelines. It must be solid and sound, flat, permanently dry, clean, free of chaps, indentations and anti-adherents, as well as resistant to pressure and tension. Moisture content of all floors must be measured before installation. All wood floors should have 6-9% moisture content at installation. There should be no more than a 4-5% variance in moisture content between the wood flooring and any wood sub floor. See NFWA guidelines and the wood flooring manufacturer's recommendations for details.

Sub Floor Preparation

Depending on type and condition of sub floor, a mechanical treatment (e.g. mechanical brushing, grinding or sanding) may be required. Intensity of such work must be determined at the site by the installer. Dust, paint, residual adhesives or other surface contaminants must be removed by suitable means. Cleaning the surface with an industrial vacuum cleaner is recommended. Cracks and gaps must be filled with concrete crack filler unless they are expansion joints. Level when necessary to 3/16 inches within 10 feet. Heated sub floors must be primed.

Installation Procedure

Installation of laminate floors:

Apply glue continuously along the upper part of the tongue of the element already laid and along the upper side of the lower groove edge of the element to be laid.

Installation of engineered, plywood and chip board:

Apply glue continuously along the upper and lower part of the tongue of the element to be laid. Press elements together hard. Wipe wet adhesive from pre-finished flooring with a cloth dampened with water. Add mild soap if necessary. Do not leave water spills on flooring as they will cause dimensional changes to the wood flooring.

Limitations

When using other than STAUF products in conjunction with STAUF primers, sealers, leveling compounds, or adhesives, STAUF denies any and all responsibility for any ensuing problems and/or damages without prior written authorization from STAUF.

Liquid glue must not come into contact with metal! Utilize glass, ceramic or plastic containers and only new, clean brushes.

In case of accident, injury, spill or exposure, see SDS sheet for information. Consult technical data sheet at www.staufusa.com for updated information.

The foregoing representations are based on the results of our most current product and material testing within a controlled environment and are of a non-obligatory advisory nature only. As such, they do not constitute an express or implied warranty of any kind including the Warranty of Merchantability and/or Fitness for a Particular Purpose. Because we have no control over the actual quality of workmanship, materials used and worksite conditions, STAUF USA, LLC. will in no event be liable for any incidental and/or consequential damages. therefore, we strongly recommend that prior on-site testing be conducted to refer to and study the suitability of the product for the intended purpose. With the release of this technical information sheet all its prior versions become invalid. For warranty and warranty disclaimer information please see our Limited Lifetime Warranty @ www.staufusa.com

General Features

- ▣ contains no isocyanates
- ▣ contains no chlorinated solvents
- ▣ contains no solvents
- ▣ contains no VOC (calc. per CA Rule 1168)
- ▣ nonflammable
- ▣ ozone friendly
- ▣ dispersion base cleans with water
- ▣ not freeze/thaw stable

Installation Features

- ▣ wet lay - no flash time required
- ▣ very low odor
- ▣ cleans with warm water and soap
- ▣ excellent spread rate
- ▣ spreads easily
- ▣ dries quickly

Long Term Features

- ▣ resistant against aging
- ▣ allows normal dimensional changes in wood flooring

Approved Flooring

- ▣ Engineered Wood Flooring

Approved Sub Floors

- ▣ Concrete Slabs
- ▣ OSB (underlayment grade)
- ▣ Plywood (underlayment grade)
- ▣ Felt backed Sheet Vinyl (well bonded, sanded, asbestos-free)
- ▣ Ceramic Tiles
- ▣ Stone, Terrazzo
- ▣ Cured Leveling Compounds

Approved Leveling Compounds

- ▣ STAUF SLC-540 Self Leveling Compound
- ▣ STAUF QFF-560 Quick Feather Float

Approved Trowels and Spread Rate

- ▣ Built-in nozzle: up to 180 LF/unit

Cure Time until Normal Traffic

- ▣ between 24 and 48 hours

Clean-Up

- ▣ Use soap and water

Temperature Range during Installation

- ▣ 50°-90°F

Relative Humidity Range during Installation

- ▣ 30% - 80%

Packaging Size

- ▣ 24 fl. oz. Plastic Bottle
- ▣ 25 count case

Color

- ▣ White

Transportation

- ▣ above 32 °F, not freeze/thaw stable

Storage

- ▣ above 32 °F, not freeze/thaw stable

Shelf Life

- ▣ 12 Months in original, unopened container

| Open Time | 30% R/H | 50% R/H | 80% R/H |
|-------------|---------|---------|---------|
| 50 F / 10 C | 10 min. | 10 min. | 10 min. |
| 70 F / 21 C | 10 min. | 10 min. | 10 min. |
| 90 F / 32 C | 10 min. | 10 min. | 10 min. |