

IRONWOOD® GLUE ASSIST

WOOD FLOORING, GLUE ASSIST ADHESIVE

SIGNATURE LINE®

TECHNICAL DATA SHEET

January 2022
Version 1.0

RESIDENTIAL

MULTI-FAMILY

LIGHT COMMERCIAL

HEAVY COMMERCIAL

DESCRIPTION

Ironwood Glue Assist makes squeaks and creaks a thing of the past. Keep your floors quiet by reducing friction noises with the high-strength, elastomeric bond of Ironwood Glue Assist. This wet-set, early-grab, fast-curing formula is low-odor and easy-to-clean, leaving no surface residue or ghosting, even once dried.

APPROVED FLOORING TYPES

WOOD: Acrylic Impregnated Plank, Bamboo, **Cork** (flooring, cork-backed hard surface, underlayment), **Hardwood** (engineered, parquet, solid)

APPROVED SUBSTRATES & SURFACES

- APA underlayment grade plywood and OSB
- Association grade particleboard
- Cement backer board
- Cementitious and anhydrite screeds
- Concrete and radiant heated subfloors that do not exceed 85°F (30°C)
- Existing well-bonded non-cushion-backed vinyl, tile and sheet flooring
- Fully secured cork underlayments
- Gypsum and lightweight concrete (primed with Taylor 2025 or Zephyr®)
- Terrazzo (properly prepared with all waxes and surface finishes removed)
- Well-bonded residue from cutback adhesives

SUBSTRATE & SURFACE PREPARATION

Follow flooring manufacturer's guidelines. Substrate must be prepared per ASTM F710 standards including, but not limited to the following:

- Concrete floors must be dry, clean, smooth and structurally sound. They shall be free of any foreign materials that might prevent adhesive bond, including dust, dirt, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, incompatible sealers, fire-retardant chemicals, fungicides, release agents, alkaline salts, excessive carbonation, laitance, mold, mildew, and curing, sealing, hardening or parting compounds.
- Fill all surface cracks, grooves, depressions, control joints and non-moving joints with moisture resistant patching and self-leveling compounds, allow to fully cure and correct high spots before applying adhesive.
- The substrate, adhesive and flooring must be acclimated in an enclosed building with the HVAC operational between 60-95°F (15-35°C), and between 30-65% relative humidity, for at least 72 hours before, during and after the installation.
- When installing over radiant heated subfloors, turn the heat off for 24 hours before, during and after installation. Failure to turn the heat off may result in shortened working time of the adhesive. When turning radiant heat back on, raise it incrementally, not to exceed a change of more than 5 degrees per hour to a maximum of 85°F (29°C).
- Wood underlayments must have a moisture content below 12% using a Tramex or Delmhorst moisture meter.

PRECAUTIONARY NOTES:

- When installing thin-gauge wood (solid or engineered), irregular substrates may telegraph through as adhesive pulls wood down during curing stages. Therefore, substrates must be properly leveled (see ASTM F710) to prevent telegraphing.
- Concrete must be placed in strict accordance with applicable standards and specifications. An intact moisture vapor retarder must be present below the concrete (see ASTM E1745), must be fully cured (at least 45 days) and without hydrostatic pressure.
- Flooring must be acclimated per manufacturer's guidelines.

TAYLOR TECHNICAL SERVICES

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TAYLOR
WITH YOU EVERY STEP™

APPLICATION INSTRUCTIONS

Follow flooring manufacturer's guidelines for layout, design and any special precautions for installation.

1. Using a 30 oz caulking gun, apply product to either the back of the plank or to the substrate in a serpentine pattern, making sure to apply a sufficient amount of adhesive for proper bond.
2. Install flooring immediately after adhesive is applied.
 - Working time ~ 45 minutes under acceptable temperature and humidity conditions.
 - When used to install wood transitions, the use of approved blue tape to temporarily hold the transition in place may be necessary until installation is complete.

PRECAUTIONARY NOTES:

- When installing unfinished wood flooring, wait a minimum of 72 hours before sanding.
- Reseal cap when not in use to protect product.

REQUIRED TOOLS AND COVERAGE

*Trowel dimensions are width X depth X spacing. Coverage is approximate and may vary depending on porosity of substrate and the angle at which the trowel is held.

FLOORING TYPES	TOOL* (IMAGES NOT TO SCALE)		ESTIMATED COVERAGE
BOND ONLY			
WOOD: Acrylic Impregnated Plank, Bamboo, Cork (flooring, cork-backed hard surface, underlayment) Hardwood (engineered, parquet, solid)	Tip Applicator Included	N/A	Dependent on user

*It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the correct amount of adhesive for the job conditions and ensure that all instructions, procedures and practices are strictly adhered to.

CLEANING INSTRUCTIONS

While product is still wet: Use a damp cloth and water to remove.

While product is still soft: Use a remover/stripper, denatured alcohol or mineral spirits. Always check compatibility on a piece of scrap flooring.

STORAGE

This product should be stored at temperatures between 50-90°F (15-32°C). While this product is freeze-thaw stable, it is necessary to protect it from freezing. Freeze/thaw stable to 10°F (-12°C).

CAUTION

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

WARRANTY INFORMATION

For warranty information, call Technical Services at **706-712-5823**, visit us on the web at **www.tayloradhesives.com** or e-mail us at **tech@tayloradhesives.com**. Flooring manufacturer's and Taylor's written pre-installation and installation instructions must be strictly followed or the Taylor warranty will be void.

IRONWOOD GLUE ASSIST PRODUCT INFORMATION

PRODUCT CHARACTERISTICS	Product Classification	Modified urethane (isocyanate free)
	Base Chemistry	STPE polymer-based (Hybrid Propel®)
	Curing Method	Moisture cure
	Appearance/Color	Off white
	Odor	Extremely low
	Consistency	Smooth, medium viscosity liquid
	Application	Easy troweling
	Flammability	Non-flammable
	Freeze/Thaw	Stable to 10°F (-12°C)
	Shelf Life [Unopened Container at 70°F]	1 year
TESTING	Moisture Control	No
	RH [ASTM F2170]	N/A
	pH	N/A
	MVER [ASTM F1869]	N/A
	Porosity [ASTM F3191]	Must pass (CSP 1+)
TIME	Open Time	0 min
	Flash Time	N/A
	Working Time	45 min
	Cure Time	12 hrs
	Pot Life	N/A
TRAFFIC	Light Traffic	6 hrs
	Heavy Traffic	6 hrs
	Heavy Rolling Loads	N/A
ACOUSTICS*	STC	N/A
	IIC	N/A
	Delta IIC	N/A
SUSTAINABILITY	Solvents	No
	Isocyanates	No
	VOC Wet Applied [g/L] [SCAQMD Rule #1168]	< 0.1 g/L
	Bio-Based Content	No
	Post-Consumer Recycled Content	No
	Mineral Abundant Content	Yes
	LEED v4/4.1 Points	Contributes to low emitting materials
	Certifications	FloorScore®, Green Label Plus®, GREENGUARD®, Material Health Certificate - Bronze
Transparency	mindful MATERIALS Library (Pending), Red List free (LBC version 3.1)	
WARRANTY**	Duration (non CFI Certified)	10-Year Performance Warranty
	Duration (CFI Certified)	Lifetime Performance Warranty
	Coverage	Bond

*IIC (delta) and STC (delta) ranges are flooring assembly specific based on third party testing and verification in a controlled environment. For any questions or further information, please contact Taylor Technical at 706-712-5823.

**For warranty information, view Product Warranty Certificate.