

# TECHNICAL DATA SHEET

# Titebond® Genuine Hide Glue

## Titebond Genuine Hide Wood Glue

Titebond Genuine Hide Glue is the first hide glue to be offered in a liquid, ready-to-use form. It requires no mixing, heating or stirring. Professional woodworkers use Titebond Genuine Hide Glue for its long assembly time, exceptional strength and unique crackling effect on wood. Titebond Genuine Hide Glue provides superior creep-resistance, offer excellent sandability and is unaffected by finishes. Its sensitivity to moisture allows for easy disassembly of parts, a critical benefit in antique restoration or the repair of musical instruments.



CONFORMS TO ASTM D-4236

### Features & Benefits

- Ready-to-use form
- Ideal for fine furniture repair
- Excellent sandability
- Excellent creep-resistance
- Can be used to create a „crackling effect“ on wood
- Slow set allows precise assembly

### Physical Properties

**Typ** Natural protein solution

**State** Liquid

**Color** Amber

**Dried Film** Transparent

**Solids** 52%

**Viscosity** (dynamic) 4.000 mPa/s

Storage Life: 24 months from the date of purchase, when stored in well-sealed containers at temperatures up to 24°C.

**Calculated VOC** 0 g/l (Volatile Organic Compounds)

**Weight Per Gallon** 4,35 kg (approx. 1,15 kg/1 l)

**Temperature Range\*** Approximately 10°C.

**Flashpoint** > 93,3°C.

**Freeze/Thaw Stability** Stable

**pH** 6,5

\*The temperature range indicates the minimum recommended temperature for the glue, air, and materials during application to ensure proper bonding.

### Bond Strength ASTM D-905 (On Hard Maple)

Temperature	Strength	Wood Failure
Room Temperature	3,591 psi	72%
65,5°C. Overnight	3,207 psi	59%

### Application Guidelines

**Application Temperature** Above 10°C.

**Open Assembly Time** 10 minutes (21°C./ 50% relative humidity).

**Total Assembly Time** 20-30 minutes (21°C./ 50% relative humidity).

**Minimum Required Spread** Approximately 1 l or 6 m<sup>2</sup> in a single coat.

**Required Clamping Pressure** Sufficient to ensure tight contact between both surfaces (0.7 – 1.1 MPa for softwoods, 0.85 – 1.2 MPa for medium hardwoods, 1.2 – 1.75 MPa for hardwoods).

**Method of Application** Can be applied by roller or dip spreader, pressurized oil cans, plastic applicators, brush or stick.

**Cleanup** Damp cloth while glue is wet. Scrape off and sand dried excess.

### Limitations

Titebond Genuine Hide Glue is not intended for exterior use or where moisture is likely. Not for structural or load bearing applications. For exterior applications use Titebond III Ultimate Wood Glue or Titebond II Premium Wood Glue. Freezing may not affect the function of the product but may cause it to thicken. Agitation should restore product to original form. KEEP FROM FREEZING.

### WARNING

IRRITATES EYES. Contains ammonium rhodanide and dicyandiamide. Contact with eyes may cause irritation. Not intended for internal consumption or for use by children. In case of eye contact, flush with running water for at least 15 minutes. If swallowed, do not induce vomiting. Seek medical attention if eye irritation or stomach issues persist. For more details, refer to the safety data sheet. KEEP OUT OF REACH OF CHILDREN.

### Important Notice

Our recommendations regarding the use of this product are based on reliable testing. Since product use is beyond the manufacturer's control, no warranty or guarantee is provided for the results, application, or handling carried out following the instructions. The manufacturer expressly disclaims liability. Furthermore, the information contained in this document should not be interpreted as a recommendation to use any product in violation of applicable laws or patents.

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