ULTRA GLUE

VINO - Vinyl & Carpet Tile Adhesive

PRODUCT DATA SHEET

Adhesives that hold like a promise.

WHAT IT IS

Vino is a ready-to-use **acrylic copolymer emulsion adhesive** for resilient flooring. It goes down with a notched trowel, grabs fast, and keeps a strong bond even when flooring is laid after the adhesive film has formed. No mixing, no separate primer step on absorbent substrates - open the pail and work.

MADE FOR

- **LVT sheet flooring** and multi-layer LVT
- **Vinyl plank and tile** (glue-down)
- **Carpet tiles** and carpet with plastic backing
- Homogeneous vinyl and rubber flooring
- Indoor use; suitable over **underfloor heating**

KEY NUMBERS

Peel strength (90°)	**1.9 N/mm** - high bond, well above the 1.0 N/mm standard requirement
Shear bond strength	**1.2 MPa** (1.1 MPa after heat aging)
Open time	Approx. **10 minutes** on absorbent substrates - lay flooring after a 10-15 minute dwell
Spread rate	400-450 g/m² with a standard notched trowel
Coverage	Approx. **500-560 sq ft per 21 kg (4 gal) pail**, depending on trowel and substrate
Density	1.37 g/cm³
TVOC	95 g/L - low emission
Colours	Beige or white
Shelf life	12 months, stored sealed at 10-27 °C

HOW TO APPLY

1. **Prep:** substrate clean, dry, and free of dirt, grease, or oil. Run a compatibility / adhesion test first on new materials.
2. **Conditions:** ideal 23 °C (± 2) and 50% (± 5) relative humidity. Do not apply below 5 °C or above 40 °C.
3. **Spread:** notched trowel at a 60° angle, one direction, even coat with no missed spots or buildup. Extend the glue 5-10 mm past the panel edges so edges never starve.
4. **Wait:** let the adhesive dwell approx. 10-15 minutes until it reaches full tack.
5. **Lay:** set the flooring down steady and even - no dragging. Tap from the centre outward with a rubber mallet to push out trapped air.
6. **Check:** within 1-2 hours, check flatness with a straightedge and tap any shifted panels back into line. Weight down any curled edges.
7. **Cure:** for 48 hours - no repeated foot traffic, no heavy stacking, no other trades working on the floor.

WHEN CONDITIONS ARE OFF

Cold & humid (below 15 °C, above 60% RH)	Extend open time to **20-30 minutes**; initial set takes 2-3 hours - allow a longer adjustment window.
Hot & dry (above 30 °C, below 40% RH)	Skip the wait - lay flooring **immediately**, and spread no more than about 1 m² at a time.

LIMITS - READ BEFORE YOU START

- Not for damp or rising-damp substrates (e.g., basements without a damp-proof course, or concrete over its moisture limit).
- Not for areas under prolonged water immersion, persistent high humidity, or intense direct sun and heat.
- Do not mix or use together with strong solvents, acids, alkalis, or curing agents.
- Use within shelf life - do not use expired product.

STORAGE

Store in a cool, dry place at **10-27 °C**, container tightly closed. Shelf life **12 months**. Use opened pails promptly.

SAFETY - THE SHORT VERSION

Signal word: Warning. Causes skin irritation (H315). May cause an allergic skin reaction (H317). Causes serious eye irritation (H319).

- Wear protective gloves and eye protection. Wash face, hands, and exposed skin thoroughly after handling.
- Contaminated work clothing should not leave the workplace; wash it before reuse.
- **Skin contact:** wash with plenty of soap and water. If irritation or a rash occurs, get medical advice.
- **Eye contact:** rinse cautiously with water for several minutes; remove contact lenses if easy to do. If irritation persists, get medical advice.
- Keep out of reach of children. Ventilate the work area during curing. Dispose of contents and container in accordance with local regulations.
- Full safety data sheet (SDS) available on request.

COMPLIANCE

REACH SVHC screening - PASS. Independently lab-tested against all 247 Substances of Very High Concern on the European Chemicals Agency (ECHA) Candidate List under EU REACH Regulation (EC) No. 1907/2006: **none detected** - every substance below the 0.1% (w/w) limit. Full test report available on request.

Figures are typical tested values at 23 °C / 55% RH from the product technical file. Always run a small adhesion test first - jobsite conditions govern the result.