

Physical & Chemical Properties

- Base:** One part, moisture-cured urethane. Product does NOT contain any water. Once cured, UP-28 is waterproof.
- VOC's:** 86 grams/liter. (V.O.C. Compliant) *Soon to be solvent free March/April 2010.*
- Flash Point:** 142 °F, closed cup
- Viscosity:** 220,000 centipoises.
- Solids:** 93.0%
- Color:** Light tan.
- Odor:** Mild solvent odor. Not easily detected.
- Antimicrobial:** An antimicrobial agent is dispersed throughout the adhesive which inhibits the growth of bacteria, mold, mildew and fungus on the surface of the product that may cause odor or discoloration.
- Water Vapor:** Concrete must be less than 8 lbs./1000sq.ft./24 hrs. using the Calcium Chloride Test Method (ASTM F 1869) or less than 85% insitu relative humidity (ASTM F2170) for direct bonding of Nydree Flooring. The protocol for either moisture test must be followed precisely for warranty consideration. Calcium Chloride Test kits are available from Nydree Flooring. If any Calcium Chloride test is equal to or greater than 8 lbs. or the insitu relative humidity is equal to or greater than 85%, Nydree Flooring OVR-8 Self Leveling Moisture Retarder must be used prior to installing the flooring with UP-28 adhesive. Also if there is concern over any excessive future subfloor moisture, OVR-8 should be used prior to installing the flooring with UP-28.
- Weight:** 12.66 lbs. per gallon
- Open Time:** About one hour at 70 °F and 50% relative humidity.
- Working Time:** Wet-lay adhesive. Install flooring immediately. Do not let adhesive dry to touch.
- Storage / Application Temperature:** Store and use adhesive at 60 °F to 90 °F. (15 °C - 32 °C)
- Cure Time:** Light-Foot traffic after 8-12 hrs. Normal traffic after 24 hours.
- Shelf Life:** One year from date of manufacturer. Store in a clean, dry, warm area to ensure ease of application.
- Rolling:** Roll floor with 150 pound (100 lb plus 50 lb. attachment) roller 1 hour after spreading adhesive, but not later than 2.5 hours.
- % Transfer:** At least 80% transfer of glue to the flooring product is required.
- Clean-up:** Use Mineral spirits and a white cloth immediately when wet, virtually impossible when cured. As a last resort try Oil Flo 141 available through Taylor Tools.
- Packaging:** Lightweight 2 or 4 gal metal pails.
- Warranty:** See Nydree Flooring UP-28 Adhesive Bond Limited Warranty.

Trowel Recommendations & Coverage

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| Flooring Installation: | 3/16" x 5/32" V-Notch | Approximately 50-55 sf/gal. |
| Felt Glue Down: | 1/16" x 1/32" x 1/32" U Notch | Approximately 150 sf/gal. |