

TECH DATA

Technical Information Sheet



VinylGrip™ VG521

VINYL SHEET GOODS ADHESIVE
VOC COMPLIANT • NONSTAINING • NONFLAMMABLE

ECOPROTEK®
Total Antimicrobial Protection

TECHNICAL DATA:

- **FREEZE-THAW STABILITY:** Freeze-thaw stable to 10°F. Prolonged low temperatures or multiple freeze-thaw cycles should be avoided.
- **SHELF LIFE:** Minimum one year at 70°F
- **TYPICAL COVERAGE:** Approximately 250 square feet per gallon, depending on type of flooring and substrate.
- **OPEN TIME:** Approximately 25 to 40 minutes depending on temperature, humidity, substrate, and trowel size.
- **COLOR:** Buff White
- **CONSISTENCY – VISCOSITY:** Trowelable mastic
- **PACKAGING:** 1 Gallon and 4 Gallon Pails

Warranty: Five-year Nonstain Warranty

LIMITATIONS: Do not expose newly covered floors to heavy traffic for 72 hours.

CAUTION: Use adequate ventilation. Avoid prolonged breathing of vapors. After using, be sure to wash your hands thoroughly, particularly before eating. May cause skin and eye irritation. Avoid contact with skin and eyes. Keep container closed. Thoroughly wash exposed area with soap and water. Eyes: flush with large amounts of water, lifting upper and lower lids occasionally; call a physician immediately. Ingestion: Do not induce vomiting. Call a physician immediately. **KEEP OUT OF REACH OF CHILDREN. [Refer to Material Safety Data Sheet (MSDS) for further information.]**

DESCRIPTION

VinylGrip™ VG521 felt back vinyl sheet goods adhesive is a nonflammable latex based adhesive, formulated to be non-staining and mildew and fungus resistant. VG521 gives the installer sufficient open time to work the floor covering and forms a strong, rubbery bond. VG521 is specially formulated for installing felt and mineral fibrous backed vinyl sheet goods. Do not use for solid vinyl tile, vinyl back sheet goods or Interflex System.

FEATURES & BENEFITS:

- VOC Compliant
- Extended Slip Time
- Contains ECOPROTEK®
- Freeze-Thaw Stable
- Easy Positioning
- Nonstaining

USES:

- **RESILIENT FLOOR COVERINGS** – Felt- and mineral fibrous backed vinyl sheet goods (Do not use for solid vinyl tile, vinyl back sheet goods or Interflex System.)

RECOMMENDED SUBSTRATES:

- Plywood, hardboard, APA standard underlayment, assn. grade particle board, existing well-bonded resilient floor coverings, felt-backed floor coverings, latex Portland cement underlayment, gypsum cement underlayment (must be primed with latex liquid additive), concrete (above, on, and below grade). Avoid installations over existing floors that have a soft cushion back.

DIRECTIONS

Surface Preparation:

For proper results, the room, floor covering, and adhesive should be a minimum of 70°F for 24 hours before and 48 hours after installation. Area to be covered must be clean, sound, dry and free of dust, dirt, wax, oil or grease, concrete curing compounds, and any other foreign matter that would interfere with a good bond. No new floor covering can correct an uneven floor. Level any high spots, and fill all cracks, holes and minor depressions with a suitable underlayment or floor patch. Otherwise, irregularities can “telegraph” through the new surface. Porous surfaces and floor patching compounds should be sealed by applying a single coat of APAC V-BLOCK™ Primer-Sealer with a short nap paint roller and allowed to dry before making final application with the recommended trowel.

Application for Felt Back Sheet Goods:

1. For sheet goods apply adhesive with recommended trowel
2. Floor covering being installed over porous surfaces should be installed immediately; over non-porous surfaces within 25 to 40 minutes after adhesive application. However

- humidity, trowel size, and substrate porosity all affect open time. If transfer is not being achieved, trowel notch size may not be sufficient. In this case use a larger trowel.
3. After installation the complete floor should be rolled with a heavy linoleum roller in both directions working out bubbles or ripples to achieve 100% transfer.
 4. Lift corners periodically to see that adhesive is transferring properly.

Note: VG521 will not contribute to staining of felt back sheet goods. VG521 cannot stop discoloration from other sources such as water damage, excess heat, sunlight, antioxidant staining from rubber backed rugs, asphalt staining, cutback contamination, alkali attack, moisture related mildew, unsealed gypsum base patch, phenolic cleaning detergents, and topical staining.

Warning! Do not sand, scrape, abrade, chip, pulverize, or demolish existing resilient tile and sheet flooring, backing or lining felt. These products may contain asbestos fibers that are not readily identifiable. Avoid creating dust. Inhalation of asbestos dust may cause asbestosis or other serious bodily harm. If old floors must be removed, consult and follow the recommended work practices of the resilient flooring manufacturers.

CLEAN UP

Wet adhesive should be removed immediately with soapy water and a damp cloth. Dried adhesive may be cleaned with a soft white cloth, and APAC 001 Reducer Cleaner. Be careful. 001 can be harmful to certain floor coverings and may ruin the bond of this adhesive if it gets under the floor covering. **001 is flammable. Vapors are harmful and can explode violently and cause flash fires. These vapors are heavier than air and will concentrate in low lying areas, and can travel from room to room and down stair ways into lower floors or basements, where they may come into contact with ignition sources.** Use with adequate ventilation, and eliminate all sources of ignition. Do not smoke while using solvents. Place solvent soaked cloth outdoors away from children and pets to dry before disposing of them.

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APAC

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RECOMMENDED TROWEL AND APPROXIMATE COVERAGE

1/16 X 1/32 X 1/32

250 square feet per gallon
Light Weight Vinyl
Non-Porous Surfaces

1/16 x 1/16 x 1/16

200 square feet per gallon
Heavy Vinyl Sheet Goods
Non-Porous Surfaces

Coverage may be less over porous surfaces.