

TECH DATA

Technical Information Sheet



TECHNICAL DATA:

- BASE: Acrylic Latex
- COLOR: Cream
- CONSISTENCY: Medium Paste
- OPEN TIME: Approximately 20 minutes depending on temperature, humidity, substrate, and trowel size.
- SHELF LIFE: One year, unopened
- V.O.C.: Zero Calculated; Non-Photo-chemically Reactive

CLEANUP:

Remove any excess adhesive immediately with soapy water. Dried adhesive can best be removed with a nonflammable cleaner.

LIMITATIONS:

Store indoors only. Protect from freezing. Adhesive is freeze/thaw stable to 10°F. Prolonged or repeated freeze/thaw cycles should be avoided. Should adhesive freeze, allow to thaw at room temperature and stir well before using. The finished installation must be protected from moisture and/or freezing for a minimum of 48 hours.

PACKAGING:

1 quart pails

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.]**

APAC 590

UNIVERSAL PERIMETER FLOORING ADHESIVE

NONTOXIC • NONFLAMMABLE • ECOlogical

DESCRIPTION

APAC's ECOlogical 590 Universal Perimeter Flooring Adhesive is a solvent free, nonflammable adhesive with antimicrobials to inhibit the growth of mold and mildew. 590 is designed to install floor covering produced for perimeter installations over both porous and non-porous surfaces. Examples are sheet vinyl flooring produced by Armstrong, Domco and Mannington. 590 can be used to install sheet vinyl flooring with backings designed for perimeter adhered installations.

590 is excellent for office buildings, hotels, hospitals, schools, restaurants and nursing homes, and it can be used where other adhesives might present potential health risks.

FEATURES & BENEFITS:

- Acrylic based... vinyl compatible, outstanding plasticizer migration resistance, excellent long term bond strength
- APAC ECOlogical series adhesive
- High shear strength... to hold flooring in place during life of installation
- Nonflammable... no special handling, storage, or safety concerns
- Universal... can be used over porous and non-porous surfaces; one adhesive for both applications
- Freeze-thaw stable... down to 10 degrees F
- Non-staining... critical when installing vinyl backed type flooring
- Open Time: 20 - 25 minutes... adequate working time with built in repositioning

WARRANTY:

- See General Letter of Warranty

RECOMMENDED:

- For porous and non-porous surfaces
- Vinyl compatible

TROWEL RECOMMENDATIONS & COVERAGE:

- Porous Floors: 1/16" x 3/64" x 1/16" trowel – approximately 120 lineal feet per 3-inch band.
- Non-Porous Floors: 1/16" x 1/32" x 1/32" trowel – approximately 240 lineal feet per 3-inch band.

Note: Coverage will vary with the type of floor covering and job conditions.

DIRECTIONS

Surface Preparation:

Area to be covered must be clean, sound, dry and free of dust, dirt, wax, oil or grease, oxidized paint, soap film, concrete curing compounds, and any other foreign matter that would interfere with a solid bond. Fill any depressions or cracks with a good grade of latex underlayment patching compound. Porous surfaces should be sealed by applying a single coat of APAC 650 Latex Additive with a short nap paint roller and allowing to dry before making final application with the recommended trowel or roller.

Perform testing for moisture vapor and hydrostatic pressure. Do not install on floors with high alkalinity or moisture problems. Moisture may retard or prevent adhesive from setting. This adhesive may be safely used on or below grade concrete subfloors, on floors with moisture barriers installed under the slab, and where concrete is determined to be substantially dry and not subject to water absorption. For best results, the room, floor covering, and adhesive should be at 70°F for 24 hours before, and 48 hours after installation.

Application:

Spread a uniform six-inch wide band of adhesive centered on the seams. Make the seam installation first. Spread uniform three-inch wide band of adhesive around perimeter and around all fixtures. When installing over a porous surface apply adhesive with a trowel having 1/16" x 3/64" x 1/16". When installing over a non-porous surface, apply adhesive with a trowel having notches 1/16" x 1/32" x 1/32". The open time will vary with the temperature, humidity, and porosity of the subfloor (generally 10 - 15 minutes). Firmly roll seams and perimeter with hand roller to insure complete contact between adhesive and backing. Use care to keep adhesive from contaminating seams. Important: Never leave a seam unsealed overnight.

ASSOCIATIONS:



APAC