



Release-Bond Modular Tile Adhesive

Description & Data

This adhesive is solvent-free, non-flammable, freeze/thaw stable, and nearly odor-free. It can be used where other adhesives might present potential health risks. They are suitable for office buildings, hotels, hospitals, schools, restaurants, nursing homes, etc. This adhesive contains one or more micro-biocides to inhibit the growth of mold and mildew.

Release-Bond Modular Tile Adhesive

Moisture resistant, releasable pressure sensitive, acrylic latex adhesive used for the installation of Bitumen, Solid Vinyl, Solid Urethane, Rubber and Synthetic Backed Modular Mat/Carpet Tiles. Solid or hard-backed carpet tiles can be removed and new ones reinstalled. Easy removal and reinstallation of carpet tile is important for the replacement of worn or damaged areas (changing traffic patterns, accessibility to trench heads, computer room floor panels, phone and electric lines, etc.). The releasable feature will not work with foam back carpet tiles. It may also be used under sheet vinyl and has PVC backing, vinyl tile, and carpet tiles with polyback when properly installed.

Surface Application

Use on grade, above grade, or below grade. May be used over plywood, hardwood, concrete, terrazzo, steel, and well bonded, wax-floor coverings. Use a high quality latex/portland cement patching compound to fill or level any irregular areas. The floor must be sound, dry, and free from dirt, dust, old adhesives, grease, wax, or other foreign matter. Painted or varnished surfaces must be sanded and dust-free. Concrete floors must be fully cured, free from dust, moisture, excessive alkalinity, curing agents, and excessive moisture vapor emissions (10 lbs/1,000 SF/24 hrs.). The relative humidity cannot exceed 90%. The pH value must be no less than 7 and no more than 9. On and below-grade concrete must have a satisfactory moisture barrier beneath the slab. All dusting and very porous sub-floors must be sealed. Sealer must be dry for 24-48 hours before application of adhesive.

Application

The adhesive, cushion or flooring, and room should be maintained at a minimum temperature of 70 degrees F for 48 hours prior to, during, and after installation. Apply the adhesive with a 1/32" x 1/16" x 1/32" notched trowel, short nap roller, or coarse brush. If the carpet cushion or back of tile is not smooth be sure not to spread the adhesive too thin. Allow the adhesive to turn from white to an opaque color (clear) before installing the carpet tile. That set-up time will vary with the temperature, humidity, and porosity of the sub-floor. If a permanent, non-releasable bond is desired, place the carpet or pad into the adhesive while it is still wet (before the color change). Apply pressure evenly over the finished area to insure adequate contact. Restrict heavy foot traffic or rolling loads for at least 24 hours.

Limitations

Foam back carpet tiles will not be releasable. Store indoors only. Protect from freezing. Adhesive is freeze/thaw stable to 10 degrees F. Prolonged or repeated freeze/thaw cycles should be avoided. Should adhesive freeze, allow to thaw at room temperature and stir well before using. Full cure takes three (3) weeks; do not steam clean before that time.

Clean-up

Fresh adhesive (and dried adhesive on resilient flooring) can be removed with a soapy, wet cloth. Dried adhesive can be removed from carpet with a Non-Flammable Cleaning Solvent.

Coverage

Approximately 500 square feet per gallon. Coverage will vary with the type of floor covering and job conditions.

Product Specifications

Base	Acrylic Latex	Color	Wet – White; Dry – Clear
Consistency	Thin Paste	Weight per Gal	8.4 lbs.
Shelf Life	One Year, Unopened	VOC	-0- Calculated
Open Time	Indefinite After Set Up (If Kept Clean)		