

# Perma-Bond Mat/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.

## Perma-Bond Modular Tile Adhesive

This adhesive can be used to install Bitumen and Rubber Backing Modular Tiles, SureTec™ Premium Vinyl Backed Roll Goods, and Rubber Sports Flooring. It spreads easily, exhibits quick grab, has excellent resistance to moisture and plasticizer migration.

## Surface Application

Use on grade, above grade, or below grade (if the floor covering is recommended for below grade installations). May be used over plywood, hardwood, concrete, terrazzo, steel, and well-bonded, wax-free floor coverings. Use a high quality latex fortified, cement based 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 foreign matter. Concrete floors must be fully cured, free from dust, moisture, excessive alkalinity, curing agents, and excessive moisture vapor emissions (6 lbs./1,000 sf/24 hrs). The relative humidity cannot exceed 82%. The pH value must be no less than 7 and no more than 9. On and below concrete must have a satisfactory moisture barrier beneath the slab. Do not use **Perma-Bond Adhesive** where moisture is present in the concrete sub-floor; moisture may retard or prevent the adhesive from setting. May be used over old cutback adhesive provided that the old adhesive is removed and the floor is smooth.

## Application

The adhesive, tile, and room should be maintained at a minimum temperature of 72 degrees F. for 48 hours prior to, during, and after installation. For porous sub-floors apply the adhesive with a 1 1/16" x 1/16" x 1/16" square notched trowel; for non-porous sub-floors use a 1/32" x 1/16" x 1/32" fine notch trowel. When using the "wet method" of installation test the adhesive to see if it has "stings" and is moist to the touch before installing the floor covering. Check periodically to make sure there is full transfer to adhesive to the back of the floor covering. When using the "tacky" method of installation allow the adhesive to become tacky before beginning the installation (adhesive should not transfer to the finger when touched). That set-up time will vary with the temperature, humidity, and porosity of the sub-floor. To test, touch the adhesive lightly; if it does not transfer to your finger, proceed with the installation. Place the tiles into the adhesive within one hour of spreading (place carefully and accurately because the tiles cannot be repositioned easily). Within an hour of installation roll the entire floor with a 100 lb. roller. Roll twice, once in each direction. Restrict heavy foot traffic or rolling loads for at least 24 hours.

## Limitations

Store indoors only. Protect from freezing. Adhesive is freeze/thaw stable to 10 degree 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 minimum of 48 hours.

## Clean-up

Dried adhesive can be difficult to remove; take care to remove wet adhesive from the surface of the tiles before it dries. Fresh adhesive freeze (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 220-260 square feet per gallon. Coverage will vary with the type of floor covering and job conditions.

## Product Specifications

Base Acrylic Latex Color White  
Consistency Thin Paste Weight per Gal 8.45 lbs.  
Shelf Life One Year, Unopened VOC -0- Calculated  
Open Time 60 Minutes