

Premium Vinyl Tile Adhesive

Description

Amtico 373 adhesive is a transitional adhesive specifically designed for the installation of Amtico Resilient Vinyl Tile and other luxury vinyl tiles. Amtico 373 is solvent-free, nonflammable, freeze/thaw stable and nearly odor-free. It is suitable for both residential and commercial climate controlled environments, including busy homes and apartments, retail stores, hotels, office buildings, hospitals, schools, restaurants and assisted living facilities, etc. Amtico 373 does not support the growth of mold and mildew. Amtico 373 can be used to install resilient tile over porous and non-porous subfloors. Amtico 373 spreads easily, exhibits quick grab and has excellent resistance to moisture and plasticizer migration. Do not use Amtico 373 Adhesive in areas where moisture is present (moisture may prevent the adhesive from setting), in areas exposed to direct sunlight or that will experience high point loads.

SURFACE PREPARATION

Amtico 373 may be used over properly prepared concrete, wood, terrazzo, steel, and other suitable substrates. Bring high spots level by sanding, grinding etc., fill and smooth low spots or rough surface. Use only high quality Portland cement based materials with a minimum 3000 psi compressive strength (ASTM C109). Mix with water only; do not use latex.

WARNING

ASBESTOS & SILICA- Refer to the current Resilient Floor Covering Institute (RFCI) document "Recommended Work Practices for Removal of Existing Resilient Floor Coverings" which is available at rfci.com. The subfloor must be clean (free of dirt, dust, adhesives, grease, wax, or other contaminants that may stain or prevent adhesion), smooth, Flat, sound, fit for purpose, and free of movement. Concrete subfloors must be fully cured, clean, free from curing agents, excessive in-situ relative humidity (maximum RH 80% per ASTM F2170) and or excessive moisture vapor emissions (maximum 5 lbs./1,000 SF/24 hrs. per ASTM F1869). Concrete must have a 7.0 to 10.0 pH (ASTM F710). On-grade and below-grade concrete slabs must have an approved vapor retarder (ASTM E1745) which is properly installed (ASTM E1643).

APPLICATION

NOTE: Refer to the Amtico or tile manufacturer's instructions for specific product installation guidance.

Acclimation:

Acclimate the adhesive, tile, and subfloor to a stable condition between 64°F- 81°F for a minimum of 48 hours before, during, and after installation.

Trowel Size: For porous subfloors, apply the Amtico 373 Adhesive with a 1/16" x 1/16" x 1/16" square notched trowel, For non-porous subfloors, apply the Amtico 373 adhesive with a 1/32" x 1/32" x 1/16" fine notch trowel.

Amtico Resilient Tile Installation (Do Not Use As Pressure Sensitive Adhesive):

Determine surface porosity by placing small drops of water on the substrate surface. If water drops stay beaded up for more than 60 seconds the substrate is non-porous.

Over Porous Surfaces (use 1/16" x 1/16" x 1/16" square notched trowel): After spreading the adhesive, allow 5-10 minutes open time before installing the floor covering. Install tiles while the adhesive is wet and easily transfers to your finger and the adhesive ridges will completely flatten out into a continuous film.

Randomly check for complete adhesive transfer to the back of the tiles and continuous film of adhesive on the substrate.

Over Non-Porous Surfaces (use 1/32" x 1/32" x 1/16" fine notch trowel): After spreading the Amtico 373 Adhesive, allow 10-30 minutes open time before beginning the installation. The working time will vary with the temperature, humidity, and porosity of the subfloor. Only spread as much adhesive as you can cover in 20-40 minutes depending on the conditions. Install tiles while the adhesive is semi-wet ensuring; adhesive will transfer to your finger and the adhesive will flatten out when rolled.

Once the adhesive will no longer transfer to your finger and the adhesive ridges will not flatten out when rolled, the adhesive has passed its application time and must be scraped off and replaced with fresh adhesive.

DO NOT USE AMTICO 373 ADHESIVE AS A PRESSURE SENSITIVE ADHESIVE.

Randomly check for sufficient adhesive transfer to the back of the tiles and flattened out adhesive ridges on the substrate. Insufficient adhesive transfer is an installation related issue.

All tiles should be set into the Amtico 373 Adhesive within one (1) hour.

(Carefully set each tile because it is difficult to reposition tiles after contact with the adhesive). The floor must be rolled (once in each direction) using 100 lb., 3-section roller as soon as possible after the installation without adhesive oozing and again within 1 hour. Wait 24 hours for normal foot traffic and wait 48 hours for point loads after installation.

Limitations

Store Amtico 373 Adhesive indoors only. Protect from freezing. Amtico 373 Adhesive is freeze/thaw stable to 10° F, but prolonged or repeated freeze/thaw cycles should be avoided. Should the Amtico 373 Adhesive freeze, allow to thaw at room temperature and stir well before using. The jobsite must be maintained at a stable condition between 64°F - 81° F and 50% +/- 10% RH for a minimum of 48 hours before, during, or after installation.

CLEAN UP

Wet adhesive should be immediately removed from tools or surfaces with a clean, soapy, damp, cloth. Newly dried adhesive may be removed with a soapy damp cloth. Dried adhesive can be removed from carpet with a nonflammable carpet cleaning solvent.

COVERAGE

Porous Surface: 150-180 sq ft/gal using a 1/16" x 1/16" x 1/16' square-notched trowel.

Non-Porous Surface: 200-240 sq ft/gal using a 1/32" x 1/32" x 1/16" fine-notched trowel.

Coverage will vary based upon surface porosity and jobsite conditions.

WARRANTY

Amtico 373 Adhesive is manufactured according to exacting standards specifically for the installation of Amtico Resilient Tile. Amtico 373 Adhesive is warranted to be free from manufacturing defects. Uninstalled defective materials brought to our attention within one year of the manufacturing date will be replaced. Installed defective materials brought to our attention within ten years of the manufacturing date will be replaced.

No guarantee, expressed or implied, is made regarding the performance of this product, since the manner and conditions of application are beyond our control.

Product Specifications:

Base Acrylic Latex

Color White

Consistency Thin Paste

Weight/Gallon 8.45 lbs.

Shelf Life One Year, Unopened

VOC's -0- Calculated

Open Time 60 Minutes

KEEP OUT OF REACH OF CHILDREN.

IN THE EVENT OF CHEMICAL EMERGENCY, SPILL, LEAK, EXPOSURE, OR ACCIDENT, CALL - DAY OR NIGHT - IN THE U.S.A.: CHEMTREC 1-800-424-9300. OUTSIDE U.S. 1-703-527-3887