



Amtico International
66 Perimeter Center East
Suite 700
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Amtico Installation Checklist

For complete installation requirements and maintenance procedures, refer to the Amtico Installation Guidelines or go to Amtico.com. **Failure to comply with this checklist may result in installation related problems with Amtico flooring. COMMUNICATION:** The Flooring Contractor must contact Amtico International Technical Services at least 7 days prior to starting subfloor testing and installation. Technical Services can be reached Monday to Friday, 8:30 a.m. to 5:30 p.m. EST at (877) 238-7869. Fax jobsite condition documentation and test results to: (706) 342-4521 before beginning installation.

MATERIAL RECEIVING, HANDLING & STORAGE

- Immediately remove any shrink wrap and make sure that materials received are correct color, style and quantity, check tiles for visual defects. Store materials flat in weather-tight area (55° F-81° F).

JOBSITE TESTING

- The building envelope must be sealed (walls, roofing, windows, doorways etc., installed)
- Anticipated environmental conditions must be maintained or 75°F +/- 10°F (24°C +/- 6°C) and 50% +/- 10% RH a **minimum of 48 hours** before and during testing (ASTM F 710).
- Test sites must be protected for duration of testing to achieve valid results.
- Must perform testing in strict accordance to either the preferred Relative Humidity Test (ASTM F2170) or acceptable Moisture Vapor Emission Test (ASTM F1869).

Relative humidity readings above 80% and vapor emission readings above 5 lb/1000 ft² per 24 hrs require a moisture suppressant system.

- Must test surface alkalinity (ASTM F710). A 7.0 to 10.0 pH is acceptable. Reduce higher pH.
- The surface must be flat to 1/8" in 10 ft (3 mm in 3 m). Bring high spots level and fill low spots. Smooth surface to prevent irregularities or roughness from telegraphing through the new flooring.
- Concrete subfloors must be finished and cured without additives or surface treatments that may prevent proper bonding of the flooring materials (ACI 302.1 and ASTM F710)
- Concrete subfloors must have a minimum compressive strength of 3000 psi.
- Wood Subfloors and underlayment panels shall have the moisture content tested using a suitable wood pin Meter. Readings between the wood subfloor and underlayment panels should be within 3% and have a maximum moisture content of 14% or less. Effective moisture control in basements and crawlspaces is essential for achieving a successful long term installation.

SUBFLOOR PREPARATION

- The subfloor must be clean (free of dirt, sealers, curing, hardening or parting compounds or any substance that may stain or prevent adhesion), smooth, flat, sound, fit for purpose, free of movement, excessive moisture and high alkalinity.



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- Must remove existing flooring, **100%** of old adhesives, paint or other contaminants by scraping, sanding, grinding, shot blasting or scarifying the substrate. **Do not use adhesive removers or solvents.**

WARNING: ASBESTOS & SILICA - Refer to local building codes and current RFCI document "Recommended Work Practices for Removal of Existing Resilient Floor Coverings" for guidance.

- Asbestos Abatement removal: Amtico International recommends following the Resilient Floor Covering Institute Guidelines for removal of existing tile and mastic. **Do not use adhesive removers or solvents.**
- Any mastic remover residue including Soy or Citrus products can attack and break down the new adhesive resulting in tiles releasing. **Floor covering warranties do not cover instances where adhesive removers or solvents cause damage to the flooring or installation failure.**
- Must use high quality Portland cement leveling and patching materials (ASTM C109) according to the manufacturers' instructions (minimum 3000 PSI compressive strength). Mix with water only, do not use latex.
- Use minimum ¼" (6 mm) APA rated "underlayment grade" plywood with a fully sanded face or other underlayment panel that is appropriate for the intended usage. Install according to panel manufacture instructions.
- Record all site conditions, test results and corrective actions(s). Amtico International requires written documentation of site conditions, test results, and corrective action(s) before processing claims.

ACCLIMATION

- Must acclimate jobsite, adhesive and Amtico tiles (open cartons and keep flat), to a stable condition between 64°F - 81°F (18°C-27°C) and 50% +/- 10% RH for a minimum of 48 hours before, during and continuously after installation.

INSTALLATION

- Properly prepare and document subfloor conditions prior to the commencement of the installation.
- Commencement of the installation indicates acceptance and full responsibility for the completed work.
- Use either **Amtico 373 Adhesive** (for most installations), **Amtico PS Adhesive** or **Amtico Universal 2-Part Adhesive**. For topical wet areas like locker rooms, areas with high point loads or direct sun exposure **Amtico Universal Two Part Adhesive** must be used to install Amtico. Use the recommended adhesives, use of a non Amtico adhesive will result in loss of warranty.
- **Strictly follow the application instructions on the Adhesive packaging.**
- Only spread as much adhesive as you can reasonably cover within the specified working time.
- Randomly check concrete subfloor for porosity using the drop water test. Place a 1 inch diameter drop of water directly onto the concrete subfloor. If the water droplet does not dissipate within 60 to 90 seconds the subfloor is considered non-porous.
Use the proper notch trowel at a 60° angle. Replace trowel when worn.



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- Scrape up skinned over or dried Amtico 373 or Universal Two Part adhesive and apply new adhesive.
- Check each tile/plank for visual defect and randomly check the back of tiles for complete adhesive transfer when using Amtico 373 or Amtico Universal Two Part Adhesive.
- If tiles shift, use masking tape diagonally over the seams to keep tiles tightly fit and aligned.
- Clean excess adhesive as you install before it can dry. Use a soapy cloth to remove wet 373 and PS adhesive and a clean soft cloth moistened with denatured alcohol to remove wet Universal 2 Part adhesive. Dried adhesive **except for Universal Two Part Adhesive** can be removed by carefully scraping it off the tile or by using a clean cloth moistened with mineral spirits. **Do not use mineral spirits on Amtico Stratica tiles.**
- **Do not work on top of freshly installed tiles. Wet adhesive will ooze and tiles will shift when walked on.**
- **The floor must be rolled** in both directions with a 100lb 3-section roller before adhesive cures to ensure a good bond.
- Must wait 24 hours for foot traffic and **wait 48 hours for point loads** after installation.
- **Do not wash finished floor until 5 days after installation.**

INITIAL MAINTENANCE

- Dust mop, sweep or vacuum the floor to remove loose dirt.
- After 5 days, simply clean thoroughly using a neutral cleaner with a mop, spray cleaner (buffer <450 RPM) or scrubber-drier with 3M Red pad or equal depending on size of area and traffic.
- Refer to the Amtico Maintenance Instructions for additional guidance.