

## DESCRIPTION

Universal 2-Part Adhesive is a solvent-free, two-component polyurethane adhesive, which has been formulated for use with Amtico and Spacia products. It is especially suitable for use in areas subject to excessive heat or cold or expectations of surface moisture, for example adjacent to plate glass windows exposed to sunlight or in shower rooms. It is non-staining, non-flammable and suitable for use over normal under-floor heating. It may be used for bonding onto smooth surfaces like concrete, terrazzo, stone, timber, metal and many other bases, provided appropriate preparative work is carried out, where applicable.

## SURFACE PREPARATION

Uneven or contaminated surfaces have to be smoothed and prepared with an appropriate primer and/or leveling compound. Refer to the Technical Manual for more information on preparation, recommended tools and installation details. DIRECT TO EARTH SUB-FLOORS SHOULD INCORPORATE AN EFFECTIVE DAMP PROOF MEMBRANE. BASES MUST BE SOUND, SMOOTH, DRY AND FREE FROM ANY CONTAMINANTS WHICH WILL AFFECT ADHESION. TILES, ADHESIVE AND BASE SHOULD BE ALLOWED TO STABILISE TO A TEMPERATURE AS CLOSE AS PRACTICABLE TO ROOM TEMPERATURE, BUT IN ALL CASES BETWEEN 64 – 81° F FOR A PERIOD OF 24 HOURS BEFORE AND AFTER INSTALLATION. TILES MUST BE STORED FLAT.

Universal 2 Part Adhesive may be used for installation over concrete subfloors with up to 5 pounds moisture vapor emissions as determined by Calcium Chloride Test (ASTM F 1869), or 80% Relative Humidity (ASTM F2170) and pH of 10.

## APPLICATION

Add the two components together by piercing the lid of the upper container and thoroughly mix to a uniform, streak-free consistency. Spread immediately onto the floor using a recommended trowel (1.5 x 5 mm, Euro A2 or 1/16" x 1/16" x 1/16" V-notch). Coverage is 120 – 150 sq ft per gal depending on the trowel type used and condition of the base.

TILES REQUIRING HAND-CUTTING MUST NOT BE CUT OVERSIZE AND THEN SPRUNG INTO POSITION. THEY MUST BE CUT SUCH THAT THEY FIT NEATLY INTO POSITION WITHOUT NEEDING TO BEND OR APPLY FORCE.

Tiles should be placed into the adhesive immediately but only a sufficient area of adhesive should be applied to the base that can be covered within 40 – 60 minutes. Floors should then be rolled with a 100 lbs 3-section roller to ensure overall contact with the adhesive. Please ensure full transfer of adhesive to the backing during installation.

Tools and tiles should be cleaned using a soft cloth dampened with methylated spirits or denatured alcohol. Dried adhesive can only be removed mechanically. DO NOT USE MINERAL SPIRITS (WHITE SPIRIT, TURPENTINE, ETC.) UNDER ANY CIRCUMSTANCES FOR CLEANING LVT TILES as, in common with all LVT products, this may cause swelling and a tendency to curl.

A finished floor should be protected from point loads and heavy traffic for 24 hours after installation. Floors and walls must not be washed for 48 hours.

## HEALTH AND SAFETY INFORMATION

The Material Safety Data Sheet is available upon request.

Shelf life: 18 months when stored in unopened containers, at a storage temperature of 50 – 104 °F. Do not allow to freeze.

## WARRANTY

Amtico Universal 2-Part Adhesive is manufactured according to exacting standards specifically of the installation of Amtico Resilient Tile. Amtico Universal 2-Part Adhesive is warranted to be free from manufacturing defects. Uninstalled defective materials brought to our attention within one year of the manufacturing will be replaced. Installed defective materials brought to our attention within ten years of the manufacturing date will be replaced.

**Choices that Work.**

For more information, please contact Mannington Technical Services at 800 241 2262 Ext. 3 or visit [www.manningtoncommercial.com](http://www.manningtoncommercial.com).

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