

Amtico PS Adhesive

Technical Data Sheet

PS-TS-20190226-06-GB

1. Description

A single-part, water-based, synthetic polymer emulsion adhesive having an extended working time. A non-flammable, solvent free adhesive with low VOC emissions and certified EC1 Plus by GEV Emissioncode.

2. For Installing

For Installing Amtico tiles onto substrates that have been suitably prepared in interior areas.

3. Restrictions

For areas that are subject to variations in temperature (e.g. conservatories or adjacent to sunny windows) or where under-floor heating is installed, Amtico HT Extra Adhesive should be used. In wet areas such as shower rooms, Amtico 2-Part Adhesive is recommended.

Not recommended for the bonding of Amtico Cirro, Amtico Marine or Acoustic backed products.

4. Substrates

Can be used over concrete, sand/cement screed, levelling compounds, plywood, and many other substrates that have been suitably prepared. Substrate must be sound, smooth, dry, absorbent, level and free of any contamination that may affect adhesion.

Asphalt, waterproof membranes and non-absorbent surfaces such as granolithic, terrazzo and quarry tiles must be skimmed with a minimum 3mm of an appropriate levelling compound.

5. Preparation

Proper subfloor preparation is essential for the correct installation of any floor covering. Subfloors must be sound, smooth, dry and free from any contaminants which will affect adhesion. Tiles, adhesive and sub-floor should be allowed to stabilise to a temperature as close as practicable to room temperature, but in all cases between 18°C and 27°C for a period of 24 hours before, during and 24 hours after installation. Boxes of tiles must be separated and opened as part of the acclimatisation process and tiles must be stored flat.

6. Moisture

The sub-floor must be tested for moisture content before installation in accordance with the relevant national regulations. If necessary, a suitable surface damp-proof membrane should be applied to the sub-floor.

7. Levelling

Use an appropriate levelling compound when necessary.

8. Tools

Euro A2 "V" notched adhesive spreader. Tools should be cleaned with water whilst the adhesive is still wet.

9. Application

Stir the adhesive well in the bucket and then spread the adhesive evenly over the sub-floor with an A2 trowel. Allow the adhesive to develop sufficient tack – this will normally take around 10 to 20 minutes. Lay the floor covering into the adhesive within 3 hours and press each tile from the centre outwards to exclude air and ensure overall contact with the adhesive. Roll the completed installation with a 45kg flooring roller from end to end and side to side. Remove any adhesive from the face of the tile with a cloth moistened with Amtico Adhesive Remover.

Technical Characteristics:

Colour	Light Green
Consistency	Viscous Liquid
Specific Gravity	1.10-1.14
Coverage Approximately	300 grams per m ² (3 - 3.5 m ² per kg) using the A2 notched spreader, depending on the condition and absorbency of the subfloor.
Working Time	Up to 3 hours, depending on the temperature, humidity and absorbency of the subfloor.
Storage Temperature	Between 5°C and 30°C. Product is freeze-thaw stable but prolonged exposure to frost should be avoided.
Shelf Life	24 months in unopened containers.
Packages	6 and 14 kg plastic buckets.

10. Drying Time

Light foot traffic is allowed 4 hours after installation but the finished floor should be protected from point loads and heavy traffic for at least 24 hours.

Tiles may be damp mopped 24 hours after installation..

11. Health and Safety Advice

The Safety Data Sheet (SDS) is available for professional users on request.

