

Amtico HT Adhesive

Technical Data Sheet

HT-TS-20180701-04-GB

1. Description

A co-polymer emulsion adhesive having particularly high resistance to temperature variations. It is solvent free, protected against biodegradation and is suitable for use over normal underfloor heating installations.

For securing Amtico tiles onto sound, smooth and dry surfaces of concrete, sand/cement screed, smoothing and underlayments, plywood and many other substrates that have been suitably prepared. Asphalt and waterproof membranes and non-absorbent surfaces such as granolithic, terrazzo and quarry tiles must be prepared using a minimum of 3mm of the appropriate smoothing underlayment.

2. Preparation

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

Damp Floors

These should be allowed to dry to an acceptable level (see BS8203) or treated with a surface-applied damp proof membrane.

Smoothing

Use the appropriate smoothing underlayments.

Priming

On very absorbent surfaces use a suitable primer.

Tools

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

3. Application

Spread the adhesive evenly over an area of the subfloor that can be covered whilst the adhesive remains receptive and gives good transfer. Lay the floor covering into the adhesive and press from the centre outwards to exclude air and ensure overall contact with the adhesive.

Roll with a 45kg flooring roller from end to end and side to side.

Re-roll as necessary to ensure overall contact is maintained.

Remove any adhesive from the face of the tile with a cloth moistened with Amtico Adhesive remover.

4. Technical Characteristics

Colour	Off-white
Consistency	Viscous Liquid
Specific Gravity	1.23 @ 20°C
Flash Point	Not Applicable
Coverage Approximately	4m ² per litre using An A2 trowel, depending on the condition and absorbency of the subfloor.
Open Time	Up to 30mins, depending on temperature, humidity and absorbency of the subfloor.
Storage	To avoid damage store at temperatures between 5°C and 30°C.
Shelf Life	24 months in unopened containers, stored under good conditions.
Packages	15 litres and 5 litres.

5. Precautions

Underfloor heating must be switched off at least 48 hours before and 48 hours after installation. It must not be switched on during installation.

Do not apply loads or move furniture on the floor covering until the adhesive has fully set.

Tiles may be damp mopped 24 hours after installation.

6. Health and Safety Advice

Obtain the relevant SDS and follow the advice given.

Ensure adequate fresh air ventilation before and after use.

Avoid prolonged contact with the skin, mouth or nose, wash with water and obtain medical attention. If spilled, remove and dispose of in accordance with local regulations for waste materials.

