

Amtico SF Adhesive

Technical Data Sheet

SF-TS-20180701-05-GB

1. Description

A very low emissions (GEV EMICODE EC1 Plus) acrylic emulsion adhesive, which is designed to give a high bond strength, strong initial tack and a good open time.

For securing Amtico tiles on to a sound, smooth, dry subfloor of concrete including ones with a power floated surface finish; terrazzo; granolithic; sand/cement screed, smoothing underlayments, plywood and many other substrates that have been suitably prepared. Asphalt and waterproof membranes must be prepared using a minimum of 3mm of the appropriate smoothing underlayment.

2. Restrictions

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

3. For Installing

For securing Amtico tiles on to substrates that have been suitably prepared.

4. Standards

All aspects of the installation of floor tiles should be in accordance with the requirements of the relevant British Standard Code of Practice i.e. BS 8203 (Installation of resilient floor coverings) and supplementary specifications.

5. 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 24 hours after installation. Tiles must be stored flat.

6. Damp Floors

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

7. Smoothing

Use the appropriate smoothing underlayments.

8. Priming

On very absorbent surfaces use a suitable primer.

9. Technical Characteristics

Colour	Off-white
Consistency	Viscous Liquid
Specific Gravity	1.12 - 1.17 @ 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 60mins, depending on temperature and absorbency of 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, 5 litres and 2.5 litres.

10. Tools

Euro A2 'V' notched trowel. 45kg flooring roller. Tools should be cleaned with water while the adhesive is still wet.

11. Application

Stir adhesive well before use.

Holding the trowel at an angle of 60°, spread the adhesive evenly over an area of subfloor that can be covered whilst the adhesive remains receptive and gives good transfer.

On absorbent surfaces – leave the adhesive for approximately 10 minutes before placing the flooring.

Non-absorbent surfaces – to reduce the potential for sliding, allow the adhesive to partially dry to a firm tack before laying the floor tile. Lay the floor tile into the adhesive and press from the centre outwards to ensure overall contact with the adhesive. Roll with the 45kg flooring roller, from end to end and side to side to ensure overall contact paying particular attention to the tile edges. After 30 minutes when the floor has been completely covered 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.

12. Precautions

The finished floor should be protected from point loads and heavy traffic for 24 hours after installation.

Tiles may be damp mopped 24 hours after installation.

13. Health and Safety Advice

Obtain the relevant Safety Data Sheets and follow the advice given. Ensure adequate fresh air ventilation during and after use.

Avoid prolonged contact with skin, use barrier cream or gloves for the hands. In case of contact with eyes, mouth or nose, wash with water and obtain medical attention.

If spilled, remove and dispose of in accordance with national and local regulations for waste materials.

