

HT Extra Adhesive

Technical Data Sheet

HTE-TS-20200915-03-EN

Description

Very low-emission (EC1 Plus) fibre-reinforced wet-set dispersion adhesive for the bonding of Amtico tiles.

Amtico HT Extra can be used in conservatories, in front of full length plate glass windows or where under-floor heating is installed. It also reduces the residual indentation behaviour of resilient floor covering to a minimum. It is suitable for use in air-conditioned or heated indoor areas.

Usage

Highly shear-resistant dispersion adhesive to be used as a wet-set adhesive on absorbent surfaces. It has short open time, easy application and high grab adhesion for installing Amtico tiles.

Subfloors must be checked for suitability in accordance with the applicable national standards.

Tiles, adhesive and subfloor 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.

When using primers, levelling and filling compounds, the processing guidelines of the respective manufacturer must be observed.

Product Advantages and Properties

Amtico HT Extra is specifically designed for installing Amtico tiles in temperature sensitive areas, as well as minimising the possibility of residual indentation.

The adhesive is free from unpleasant odours during use and after processing. It has high shear strength, high grab adhesion and is solvent-free (EC 1Plus / very low-emission).

Technical Properties

Colour	Pink
Consumption	Approx. 280 g/m ² (A2 trowel)
Setting time	Approx. 30 minutes
Container size	14 Kg
Container type	Plastic bucket
Shelf life	24 months
Ideal working temperature	18 - 25°C
Minimum working temperature	15°C on the subfloor
Working time	0 - 20 minutes*
Load bearing	after 24 hours*
Final strength	after 3 days*

* At 20°C and 65% relative atmospheric humidity

Surface Preparation

The surface must be solid, level, free from cracks, dry and without materials that impair adhesion.

Check the surface according to the relevant national standards including testing for moisture content. If necessary, a suitable surface damp-proof membrane should be applied to the subfloor.

Use suitable primers and levelling compounds depending on the surface. Non-absorbent surfaces, such as mastic asphalt screed, or sealed surfaces are to be levelled with a minimum 2-3mm of levelling compound.

The processing recommendations as well as product data sheets of the respective manufacturer are to be observed.

Processing

Apply adhesive evenly with a suitable notched trowel (A2). Apply only as much adhesive as can be covered within the working time to give good transfer to the back of the covering considering the quantity of adhesive, indoor climate and absorbency of the surface.

Press each tile from the centre outwards to exclude air and ensure overall contact with the adhesive. The adhesive ridges should be flattened by rolling as soon as possible after installing using a 45kg roller. Allow the area to rest for 20 minutes and then roll over it again.

Remove adhesive residues immediately from the face of the tile with a cloth moistened with Amtico Adhesive Remover or water.

Important Notes

Original unopened containers can be stored for 24 months. Tightly seal opened containers after use.

Allow adhesive to reach room temperature before processing.

Low temperatures and high humidity levels extend the working time whereas high temperatures and low humidity shorten it.

With fibre-reinforcement, HT Extra has high dimensional stability and is recommended for installing floor coverings in locations subject to variations in temperature including rooms with under-floor heating systems, conservatories or in front of plate glass windows. The high strength of the adhesive also reduces the risk of residual indentation to flooring products.

Moist surfaces can lead to secondary emissions and odours, therefore ensure thorough drying of the levelling compounds.

In extreme temperature conditions or in wet areas such as shower rooms, Amtico 2-Part Adhesive is recommended.

Workplace safety and environmental protection

Solvent-free. The use of skin protection cream is always recommended.

Store containers out of the reach of children.

Ensure thorough ventilation during and after installation.

Do not eat, drink or smoke while using the adhesive.

After contact with eyes or skin, rinse immediately with plenty of water.

Clean tools immediately after use with water and soap. The best possible indoor air quality after installation can be achieved by conforming to standards and ensuring thoroughly dry surfaces, primers and levelling compounds.

Product contains isothiazolinones.

Disposal

Collect product residues and re-use.

Do not allow adhesive to get into the sewage system, ground water or soil.

Empty, scraped or drip-free plastic containers are recyclable.

Containers with liquid residue as well as collected liquid product residue are classed as special waste.

Containers with dried residue are construction / household waste.

Please Note:

All information in this data sheet is based on our experience and careful investigations.

The variety of associated materials and the different construction sites and processing conditions cannot be individually checked or influenced by us. The quality of your work therefore depends on your professional judgement and product use.

If in doubt, conduct a small test or obtain technical advice.

The publication of this product data sheet invalidates all previous product data sheets.

