



Instructions for the installation of FORTEM AAC blocks

1. Preparing the substrate

The substrate (foundation, floor or load-bearing element) must be: dry, clean, without frozen portions; free of efflorescence, dust, grease or oil; flat and resistant, without major unevenness.

▲ Attention! The installation of AAC blocks is not allowed in conditions of: rain, snow or frost, temperatures below +5°C.

It is recommended to apply a horizontal waterproofing strip (e.g. bitumen cardboard or membrane) under the first row of masonry, to protect against capillary moisture.

The position of the walls is marked using a marking string and checked with a spirit level.

2. Preparing the AAC blocks

Before installation, the blocks are dusted with a dry brush.

Depending on the ambient temperature, they can be lightly moistened (by spraying with water) approx. 15 minutes before installation.

To adapt to the required lengths, the AAC blocks are cut with a special AAC saw.

3. Installing the AAC blocks

Start by installing the first row, which must be perfectly horizontal and vertical, placed on a mortar layer that compensates for any unevenness.

Applying adhesive mortar: Prepare according to the instructions in the technical sheet; apply with a notched trowel, in a layer of 1–3 mm; apply to both the horizontal and vertical joints (only to blocks without tongue and groove).

Placing and adjusting: The blocks are placed in the mortar bed and aligned using the marking string; lightly tap into position with a rubber hammer; check the flatness with a spirit level (on each row); remove excess adhesive immediately with a trowel.

4. Masonry weaving (wall bond)

The weaving of the blocks is mandatory for each row.

Vertical joints should be offset by $\frac{1}{4}$ – $\frac{1}{2}$ of the block length from the row below.

Flat blocks are fixed with adhesive on all contact surfaces.

Tongue and groove blocks are fixed only on the horizontal joint, vertical joints do not require mortar.

5. Protection after installation

After installation, AAC walls are protected against the weather, covered or protected from direct contact with rainwater until the finishes are applied.

The undersigned TOMA ALEXANDRA-NICOLETA, certified interpreter and translator for the foreign language English, within the meaning of authorization no. 38050 as of January 22nd, 2016, issued by the Ministry of Justice of Romania, certify the accuracy of the translation from ROMANIAN into ENGLISH, that the presented text was fully translated, without omissions, and that, by the translation, the content and the meaning of the document have not been distorted.

SWORN INTERPRETER AND TRANSLATOR

