

**ARKIM ARATHERM AD READY/7212****■ Definition**

Acrylic dispersion based, elastic ready-to-use, ready-made paste type adhesive mortar for thermal insulating board.

**■ Area of application**

-Used to attach thermal insulating boards (XPS-EPS-rock wool, etc.) on the surfaces such as painted surfaces, blanket coated panels, plasterboards, cement-based panels, gypsum plaster, wooden and prefabricated surfaces.

**■ Application features**

-Workable period: Maximum 20 minutes  
-Doweling period: Minimum 48 hours  
-Time to pass to apply plaster on the affixed insulating board: 2 days  
-Flexibility  
-Watertight but water vapor permeable  
-Ready-to-use, Solvent-free.

**■ Surface preparation**

- The surfaces on which ARKIM ARATHERM AD READY will be applied must be cleared of dust, dirt, oil, etc. that prevent adherence.  
-It is necessary to make sure that the surface has been cured and robust.  
-Any irregularities on the application surfaces, if any, are repaired with ARKIM ARREPAIR THIN, ARKIM ARREPAIR THICK or ARKIM ARGIBS REPAIR.  
-The surface must be lined with ARKIM ARASTAR before the application.  
-It is necessary to make sure that the application surface is robust, self-supporting and level.

**■ Application conditions**

-Ambient temperature should be between +5 °C and +35°C  
-Do not apply on frozen, melting surfaces, or surfaces likely to freeze within 24 hours.  
-Do not apply on surfaces under direct sun or strong wind, or hot surfaces.

**■ Warnings and Advices**

-Strictly avoid adding foreign substances.

-After the application, all tools used must be washed with water before letting them dry.

-Do not apply on weak surfaced with low strength.  
-During the application, the product must be stirred occasionally.  
-Keep the cover of the package closed when the product is not used.

**■ Application tools**

Hand mixer, notched trowel, spatula, trowel

**■ Application**

-It is necessary pay attention to cleanliness of the materials used.  
-It must be mixed in its own bucket with a low-speed mixer.  
-ARKIM ARATHERM AD READY is applied on the application surface or the thermal insulating board by combing with 8x8 mm notched trowel.  
-When applied with the double-sided bonding method, ARKIM ARATHERM AD READY will give better results.  
-The double-sided bonding method is application of the adhesive on both surfaces with the notched trowel so that the combing directions will be perpendicular to each other.  
-For better adhesion of the affixed thermal insulating board, it is necessary to apply force on the board (plastic mallet).  
-During the bonding process, it is necessary to check whether the boards are at the same level using gauge and bubble level.  
-Depending on the ambient temperature and the surface properties, mechanical dowel must be applied at least 48 hours later.

**■ Consumption**

Approximately 3.5-4 kg/m<sup>2</sup>

**• Performance Details**

-Strength of Adhesion to Thermal Insulating Board:  $\geq 0.08\text{N/mm}^2$   
-Water Vapor Transmission Rate: V1  
-Water Transmission Rate: W1  
-Strength of Adhesion to Lower Layer:  $\geq 1\text{ N/mm}^2$   
-Temperature resistance: between +5°C and 30°C

-Note: The application features have been determined in consequence of the tests conducted in laboratory environment ( $23 \pm 2$  °C and  $50\% \pm 5$  humidity, and no air current), and thus, they may vary by different ambient conditions. The performance details have been tested in the ambients specified in accordance with the relevant standard of the product, and different results may be observed in different ambients.

- **Packaging**

- 20 kg Plastic bucket
- In crates: 27 pieces of 540 kg

- **Physical form**

- White, paste type liquid component

- **Storage Conditions**

- Must be stored in dry indoor areas away from direct sunlight.
- Under such conditions, the product can be stored for 12 months as of the production date.
- Inappropriate storage or exceeding the expiry date may deteriorate the properties of the product.