

## NESCOAT® AKRIFIX Tile Adhesive Mortar

### DESCRIPTION

NESCOAT® AKRIFIX is an elastic, acrylic resin-based, ready-to-use, flexible tile adhesive classified as D2T.

### APPLICATION AREAS

- It is used for bonding ceramic tiles to surfaces such as wood, exposed concrete, plastered and painted surfaces, bricks, and aerated concrete.

### ADVANTAGES

- High-performance adhesive mortar.
- Provides superior adhesion even on wooden surfaces.
- Ensures strong bonding of ceramic tiles to the surface.
- Offers a durable and long-lasting solution.
- Easy and practical to apply.

### SURFACE PREPARATION

The substrate must be even, clean, dry, and strong enough to support the application. The surface must be free from substances like dirt and dust that could hinder adhesion. Any significant cracks and imperfections should be repaired and leveled using NESCOAT repair mortars. In tile-on-tile applications, if new tiles are to be applied on a glazed tile surface, the surface must be mechanically roughened to make it suitable for adhesion. If the application is to be made on gypsum-based surfaces, the surface must be primed with NESCOAT® PUREPRIME clear absorbent surface primer to stabilize the substrate and balance absorption.

### MORTAR PREPARATION

NESCOAT® AKRIFIX is ready to use and only requires mixing until a homogeneous consistency is achieved. In hot weather, a small amount of water can be added if necessary. The prepared mortar should be consumed within 2 hours. Do not add water or product to reuse hardened material.

### APPLICATION

Apply the mortar to the substrate using a notched steel trowel and comb it through. For tiles larger than 30x30 cm, adhesive should also be applied to the back of the tile. Place the tiles onto the combed surface within 20 minutes, pressing them down to ensure full contact with the adhesive. Use a rubber mallet to apply pressure, ensuring complete adhesion. If the surface of the applied NESCOAT® AKRIFIX FLEX adhesive has formed a skin, this can negatively affect adhesion. The skinned areas should be re-troweled. Leave appropriate joint gaps suitable for the tile size during the application. Clean any adhesive residues with a damp sponge during application. After application, hands and tools should be thoroughly washed with plenty of water.

### DRYING TIME

- Surface drying: 1 day at 23°C and 50% relative humidity.
- Full drying time: 3 days.
- Drying time shortens at higher temperatures and extends at lower temperatures.

### CONSUMPTION

- 3 kg/m<sup>2</sup>.

The specified consumption amounts may vary depending on the surface and application conditions. A sample application is recommended for accurate consumption measurement.

## WARNINGS AND RECOMMENDATIONS

- During application, the ambient temperature and surface temperature should be between +5°C and +35°C.
- After application, protect the product from rain or other sources of moisture until it fully dries.
- Do not apply the product if freezing conditions are expected within 3 days after application
- Grouting can begin at least 24 hours after application on walls and floors.
- Floors can be opened to light foot traffic after 24 hours and to heavy foot traffic after 7 days.

## STORAGE AND SHELF LIFE

- The product should be protected from rain, moisture, intense sunlight, and frost.
- A maximum of two pallets should be stacked on top of each other.
- The shelf life is 2 years from the date of manufacture under proper storage conditions.
- Opened packages should be tightly sealed when not in use.

## PACKAGING

- 25 kg and 5 kg plastic buckets

## SAFETY RULES

- Appropriate protective equipment (clothing, gloves, goggles, mask) should be used during application.
- In case of contact with the skin, the affected area should be washed with plenty of water.
- For more detailed information, please refer to the Material Safety Data Sheet (MSDS).

## QUALITY CERTIFICATES

- Complies with the ISO 9001:2015 quality management standard.
- Complies with the TS EN 12004 building materials standard.
- CE marked, compliant with EU standards.



## TECHNICAL SPECIFICATIONS

Feature	Value
Appearance	White Paste
Initial Tensile Adhesion Strength	≥ 1 N/mm <sup>2</sup>
Tensile Adhesion Strength After Water Immersion	≥ 0,5 N/mm <sup>2</sup>
Tensile Adhesion Strength After Heat Aging	≥ 1 N/mm <sup>2</sup>
Open Time (at least 20 minutes)	≥ 0,5 N/mm <sup>2</sup>
Slip Resistance	≤ 0,5 mm
Temperature Resistance	-20°C / +70°C

\*The values mentioned above are valid for +23°C and 50% relative humidity.

## LEGAL DISCLAIMER

The information in this document has been prepared based on NESCAOT's laboratory tests and field experience. NESCAOT is not responsible for any adverse outcomes resulting from the use of the product outside of its intended purpose or failure to comply with the conditions stated above.