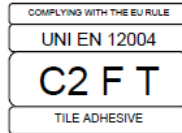


## ROYAL FAST



### DESCRIPTION OF THE PRODUCT

Improved cementitious tile adhesive designed for indoor and outdoor installation of ceramic, grès tiles, and stone materials (provided they are not sensitive to humidity) on both floors and walls.

Classified according to **UNI EN 12004 (C2FT)**: cementitious adhesive with improved adhesion, quick setting, and reduced slip.

Formulated by WINKLER Research & Development Laboratories.

### FIELDS OF USE

Ready-mixed product with high adhesive strength, suitable for both indoor and outdoor applications. It is used for laying all types of ceramic flooring on various substrates such as cement screeds, heated floors, self-levelling compounds, plasters, and waterproofing coatings from the WINKLER range, including **WINGRIP BITUMINOSO** and **WFZ5 - WINFLEX CEMENT**.

Thanks to its rapid curing, **ROYAL FAST** enables quick installation of coverings even at low temperatures while maintaining excellent workability.

It can be applied in thicknesses from 3 mm to 10 mm without prior surface levelling. For substrates with irregularities greater than 10 mm, use self-levelling products such as **WINLIVEL** or **WINLIVEL RAPID** for horizontal surfaces, and **WR05-WINTONAC** for vertical surfaces.

### SURFACE PREPARATION

Ensure that the substrate is sound, properly cured, free from cracks, and compliant with the requirements specified in the **UNI EN 11493-1** standard.

Thoroughly clean the surface to remove salts, oils, grease, loose particles, and any foreign or non-adherent substances.

For substrates that are difficult to wet, such as existing ceramic tiles for over-application, after thorough cleaning, apply **WINGRIP NEXT** (refer to the technical data sheet) at a rate of 300 g/m<sup>2</sup>. Wait two hours before proceeding with the installation.

For screed preparation, use **WINPLAN 370**, a quick-drying screed, or **WINPLAN PRO**, a quick-drying screed with low water absorption.

## WARNING

Do not add cement or any additives.  
Do not use the product if the packaging is damaged.  
Do not add water once the mix has begun to set.

## PRECAUTIONS

Protect newly laid coverings from direct sunlight, high temperatures, and freezing conditions for at least 24 hours. High or very low temperatures, strong winds, or adverse weather conditions may affect the open time and setting of the adhesive. For existing coatings or surfaces with low wettability, use **WINGRIP NEXT** as an adhesion promoter. For the design, installation, and maintenance of floors using **ROYAL FAST**, refer to the provisions of **UNI EN 11493-1**. Apply at temperatures between +5°C and +35°C.

## APPLICATION

Mix thoroughly with clean water (5-5.25 L per bag) until a smooth, homogenous mixture is obtained. Allow the mixture to rest for approximately 1 minute before proceeding with the application. Apply the product with a notched trowel suitable for the required adhesive thickness and tile size.

For large-sized coverings (with a surface area greater than 900 cm<sup>2</sup>), or when a full-bed application is required according to **UNI EN 11493-1**, apply **ROYAL FAST** using the double-spreading technique – applying adhesive both to the substrate and the back of the covering. This ensures full contact and greater mechanical strength.

The open time of **ROYAL FAST** is approximately 20 minutes at +23°C but may decrease under condition of high temperature, strong wind, or very absorbent substrates. We recommend always checking the adhesive layer in advance to ensure no dry surface film is present, as this could impair tile wettability. If such a film forms, apply a fresh layer of adhesive.

For very hot and/or highly absorbent substrates, it is advisable to moisten the surface and wait for complete evaporation of surface water before applying **ROYAL FAST**.

## CONSUMPTION

1.1-1.3 kg/m<sup>2</sup> per mm of thickness

## PACKAGING

25 kg bags

## STORAGE

The product in its original and undamaged packaging, can be stored for up to 12 months. Store at temperatures between +5°C and 35 °C. The product is not frost-resistant.

## SAFETY INSTRUCTIONS

### PRECAUTIONS

For safety information, the user must refer to the latest Safety Data Sheet (SDS), prepared in accordance with applicable regulations. The SDS contains detailed information on the physical, toxicological, and safety characteristics of the product.

### DISPOSAL AND ENVIRONMENTAL PRECAUTIONS

Do not release the product or empty containers into the environment. For detailed disposal instructions, refer to the most recent Safety Data Sheet (SDS).

## TECHNICAL FEATURES (average value)

FEATURES	RESULTS
Appearance	Powder
Colour	White – Grey
Specific weight	1.5 ± 0.10 g/cm <sup>3</sup>
Recommended Mixing Water	5-5.5 L per bag 20-22%
Pot life at +23°C	1 hour 15 minutes
Adjustment time at +23°C	20 minutes
Grouting at +23°C	After at least 5 hours at + 23°C

**CERTIFIED RESISTANCES OF THE PRODUCT IN OPERATION**  
**According to UNI EN12004-2017**  
**Performances determined and certified by SOCOTEC Italia S.r.l.**

<b>Rapid setting after 6 hours</b>	$\geq 0.5 \text{ N/mm}^2$
<b>Tensile adhesive strength (UNI EN 1348)</b>	
• <b>Initial</b>	$\geq 1.0 \text{ N/mm}^2$
• <b>After thermal aging</b>	$\geq 1.0 \text{ N/mm}^2$
• <b>After water immersion</b>	$\geq 1.0 \text{ N/mm}^2$
• <b>After freeze-thaw cycles</b>	$\geq 1.0 \text{ N/mm}^2$
<b>Extended open time: adhesion after 10 minutes (UNI EN 1346)</b>	$\leq 0.5 \text{ N/mm}^2$
<b>Extended open time: adhesion after 20 minutes (UNI EN 1346)</b>	$\leq 0.5 \text{ N/mm}^2$
<b>Slip resistance (UNI EN 1308)</b>	$\leq 0.5 \text{ mm}$

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