

COMPLYING WITH THE EU RULE

UNI EN 12004

**C2 T**

TILE ADHESIVE

## NATURE OF THE PRODUCT

Improved cementitious tile adhesive for laying ceramic or grès tiles, specific for pools covering. Classified according to UNI EN 12004 (C2T): **Improved cementitious adhesive with additional features and reduced slip**. Developed in WINKLER R&D laboratories.

## FIELDS OF APPLICATION

Ready-mixed product with a high adhesive power, used for the laying of floors, heating floors and coverings, both indoor and outdoor.

## SURFACE PREPARATION

Check that the substrate is consistent, that it has undergone the correct seasoning, does not present any cracks and that it complies with the requirements indicated in the UNI EN 11493-1 standard.

Thoroughly clean the surface which must be free of salts, oils, greases, friable parts and foreign or non-stick substances.

## APPLICATION

Mix well with clean water (5-5.25lt per bag) until a homogeneous mixture is obtained. Apply the product with a notched trowel. If needed, to improve the elasticity of the product, add 10 – 15 % of ADEGUM LATEX on mixing water, reducing it until getting the desired consistency.

For large sized coverings (with a larger area than 900 cm<sup>2</sup>) or if a "full-bed" application, according to UNI EN 11493-1, is required, apply **ROYAL SUPER SP** by using the technique called "double coating", ie apply the adhesive both on the support and on the back of the coating, to allows continuity and therefore greater mechanical resistance. Use WINSTUCCO FLEX for grout lines or add ADEGUM LATEX (20% on mixing water) to cementitious plaster.

## CONSUMPTION

3-3.5 kg/m<sup>2</sup>

## WARNINGS

We recommend to apply at temperatures between +5°C and +35°C. Do not add cement or additives. Do not use if the bag is damaged. Do not add water when the dough starts setting.

## PACKAGING

25 kg bags – 60 bags per pallet.  
Colours: white – grey.

## STORAGE

The product if properly packed and stored in a cool dry place, has a stability of 12 months. Store between +5°and +35°C.

## SAFETY INSTRUCTIONS

### PRECAUTIONS

For information about safety, user must refer to the most recent Safety Data Sheet, edited in accordance with the regulations in force, which contains physical, toxic and other data about the product in use.

### ECOLOGY

Do not throw away the product and/or empty containers in the environment after use. Consult the most recent Safety Data Sheet for further information about disposals.

## TECHNICAL FEATURES

Aspect:	powder
Colour:	white/grey
Advised quantity of mixing water:	20-21% 5-5.25lt per bag
Specific weight (gr/cm <sup>3</sup> ):	1.45 ± 0.05

## CERTIFIED RESISTANCES OF THE PRODUCT IN OPERATION According to UNI EN12004

Extended open time: tensile adhesive strength (UNI EN 1346)	After 5'	After 10'	After 20'
	≥1.0N/mm <sup>2</sup>	≥1.0N/mm <sup>2</sup>	≥1.0N/mm <sup>2</sup>
<b>High tensile adhesive strength (UNI EN 1348)</b>			
• <b>Initial</b>	≥1.0N/mm <sup>2</sup>		
• <b>After thermal aging</b>	≥1.0N/mm <sup>2</sup>		
• <b>After immersion in water</b>	≥1.0N/mm <sup>2</sup>		
• <b>After freeze-thaw cycles</b>	≥1.0N/mm <sup>2</sup>		
<b>Determination of slip (UNI EN 1908)</b>	< 0.5 mm		

### Volatile Organic Compounds Emission

Parameter	Max. allowed concentration ( $\mu\text{m}^3$ )
TVOC after 3 days	$\leq 750$
TVOC after 28 days	$\leq 60$

Test performed by the EUROFINS institute according to EN 16516, ISO 16000-3-6-9-11 and ASTM D5116-10, Test report n. 392-2018-00081401\_G\_EN\_02

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee, as usage, working area and application of the product in accordance with the instructions given and their success in application is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered as a general guideline. If at all in doubt, preliminary tests should be carried out. WINKLER S.r.l. reserves the right to modify and up-date said data sheets without prior notice. Clients are kindly requested to verify that they are in possession of the current edition.