

COMPLIANT WITH EU NORM

UNI EN 13813

CT C30 F6 B2,0  
A1<sub>fi</sub>

SCREEDS AND SCREEDS  
MATERIAL

## NATURE OF THE PRODUCT

Self-leveling cement-based premixed product, suitable for both indoor and outdoor applications, with special binders and selected mineral fillers, formulated in WINKLER R & D laboratories.

## USES

Product used for grinding floors with irregularities from 1 to 15 mm, screeds or existing floors. In just a few hours it develops a smooth and solid surface, suitable for overlapping ceramic, marble, terracotta, stoneware, parquet, resilient or liquid membranes of WINKLER range.

## SURFACE PREPARATION

Thoroughly clean the surfaces that must be free of salts, oils, greases, friable parts and foreign or anti-adherent substances. Wet absorbent substrates, before the application. Prior to applications on ceramic or low wettability coatings, apply WINGRIP EVO as an adhesion promoter.

## RECOMMENDATIONS

- Do not add cement or additives.
- Do not use if the bag is damaged.
- Do not add water when the mixture begins to set.
- Do not apply on asphalt surfaces or treated with bitumen.

## APPLICATION

Mix with clean water until the mixture is perfectly homogeneous and free of lumps. To favor the adhesion of the product on the support, it is recommended to apply WINLIVEL with a spatula, exerting a slight pressure. On still wet product, we recommend using a spiked roller, to eliminate any air bubbles.

## JOINTS

During the application respect all joints of the substrate. We recommend separating WINLIVEL from the walls and all the emerging vertical elements. As regards the design, sizing and construction of the joints, refer to the provisions of UNI EN 11493-1.

### **DRYING TIMES**

After 24-36 hours (at 20 ° C) it acquires the mechanical strength to be walkable.  
After 48 hours (at 20 ° C) it is possible to overlay ceramic floors and liquid sheaths.  
After 14 days (at 20 ° C) it is possible to overlay stone materials, linoleum, wood and parquet

### **WARNINGS**

In case of wood, parquet and other coatings particularly sensitive to humidity, apply WINLIVEL with a thickness of  $\geq 5$ mm, in addition it is always recommended to check, using a carbide hygrometer, that the residual humidity is equal to or less than 2%, before over application. We recommend to apply at temperatures between + 5 ° C and + 35 ° C. Protect from sun and wind during the first 24 hours, if necessary keep on moistening the surface even after application. Remove fresh mortar from the tools used for preparation and application, with running water. After hardening, cleaning only mechanically.

### **CONSUMPTION**

2.0 kg / m<sup>2</sup> per mm of thickness.

### **PACKAGING**

25 kg bags

### **STORAGE**

The product, in its original, unbroken packaging, has a stability of 12 months. Store at temperatures between + 5 ° C and + 35 ° C.

## **SAFETY NORMS**

### **PRECAUTIONS**

For information about safety norms, the user must consult the most recent Safety Sheet, edited in conformity with the Norms in force, containing physical, toxicological and other data about the product in use.

### **ECOLOGY**

Do not throw the product and /or empty packs out in the environment. Consult the most recent Safety Sheet for further information about eventual disposals.

## TECHNICAL DATA (average values)

WINLIVEL complies with the prescription defined in UNI EN 13813 ("Screed material") in particular specific for smoothing irregular substrates.

|                                     |                               |
|-------------------------------------|-------------------------------|
| Appearance:                         | powder                        |
| Colour:                             | grey                          |
| Water required (%) per bag (kg 25): | 5.00 – 5.25 liters            |
| Density of the mixture (EN 1015/6)  | 2,15 ± 0,05 g/cm <sup>3</sup> |
| Pot Life:                           | 90 minutes                    |
| Setting time:                       | 10 hours                      |

### PERFORMANCE OF THE PRODUCT IN USE (UNI EN 13813)

|   |                        |
|---|------------------------|
| Compression resistance 28 days (UNI EN 13892-2) | >30 N/mm <sup>2</sup>  |
| Flexion resistance 28 days (UNI EN 13892-2)     | ≥6 N/mm <sup>2</sup>   |
| Adhesion to concrete (UNI EN 13892-8)           | >2,0 N/mm <sup>2</sup> |
| Fire reaction(EN 13501-1):                      | A 1 fl                 |

### Volatile Organic Compounds Emission

| Parameter          | Max. allowed concentration (µ/m <sup>3</sup> ) |
|--------------------|--|
| TVOC after 3 days  | ≤ 750  |
| TVOC after 28 days | ≤ 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

Product complies with the requirements of 2003/53 / EC regulation

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.