

## DESCRIPTION OF THE PRODUCT

Multi-purpose, solvent-free, bonding promoter based on water-dispersion resins, with a low environmental impact, and selected aggregates formulated by WINKLER R&D laboratories.

## USE FIELDS

WINGRIP LITE can be easily applied in a homogeneous coat on low-wettability and smooth supports (which do not include clutching points) like concrete, wood, metal also oxidizable, gypsum, insulating panels, bricks, brickworks, cellular cement, ceramics and more. Once applied and dried, WINGRIP LITE allows strong clutching and bonding by means of superficial alteration, of both inside and outside, for plasters, shavings, recovery mortars or pre-mixed products for covering. In this case it can replace the plaster-holder mesh. In addition, it develops also a slight reinforcement on surfaces subject to skinning and insulating performance for gypsum of slabs in covered gypsum. When applied on pre-existing tiles permits exception clutching to cement glues for later laying of ceramic covering. WINGRIP LITE can also be applied on an oxidised smooth bitumen membrane, before applying a plaster for the vertical restoration of the protective coating along the bottom of a wall.

## SURFACE PREPARATION

Accurately clean the support to eliminate: dust, crumbly parts, rust, foreign or bonding-proof matters. Apply the product on dry surfaces. The substrate will not present more than a 5% hidden humidity. Check foundation wet to avoid onset of bubbles due to vapour pressure. The best procedure is the application of a polyethylene sheet sealed by means of bonding tape on the sides of the surface exposed to the sun and checking after 24 hours the presence of eventual condensation water. If there is no condensation water, lay WINGRIP LITE, on the contrary, wait for full drying. On irregular surfaces apply WINFIX CONCRETE, in order to facilitate adhesion.

## RECOMMENDATIONS

- Do not add any cement nor additive.
- Do not use if packaging is damaged.
- Do not add water.

## APPLICATION

The product is ready to use. Before starting the application, please mix the product to homogenize it.

It can be applied by roller, paintbrush, airless gun. Please apply it at temperatures between +5°C and +35°C.

## **WARNING**

Apply the product in environmental conditions suitable to guarantee its full drying as soon as possible. Therefore do not apply the product on frost surfaces or when subject to night chill or with rainy weather.

Do not apply the product on supports with hidden wet.

Wait for 6/8 hours before applying the second coat and 24 hours before overlapping cement mixes.

Do apply overlapping cement mixes before full drying of WINGRIP LITE.

When applied on insulating materials for coating, to replace the plaster-holder mesh, apply a self-bonding mesh between panels. Do not apply plasters with thickness over 2 cm.

## **CONSUMPTION**

300 g/m<sup>2</sup> in one coat.

## **PACKAGING**

5-10-20 kg buckets.

## **STORAGE**

The product in its undamaged packaging can be stored for 12 months. Please store it at temperatures between +5°C and 35 °C. No frost-proof.

## **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 through out the product and/or empty containers in the environment. Consult the most recent Safety Data Sheet for further information about disposals.

## TECHNICAL FEATURES (average values)

LOOK:	Liquid-creamy
COLOUR	White-Grey
SPECIFIC WEIGHT AT 20°C (g/cm <sup>3</sup> )	1.63 ± 0.02
FIRE REACTION (Euroclass)	F
ADHESION TO THE SUPPORT A AFTER 3 DAYS (EN 1542) (N/mm <sup>2</sup> ):	
Concrete	≥ 2
Tile	≥ 2 (tile break)
Fibre cement	≥ 1.0 (Fibre cement delamination)
Metal	≥ 2
Wood OSB (Not treated)	≥ 1.0 (Wood delamination)
Smooth bituminous membrane	≥ 0.85 (Membrane delamination)
SOLID CONTENT (%)	70
PH	>9
BROOKFIELD VISCOSITY at 20°C (cps)	1350 + 100
CONSUMPTION (g/m <sup>2</sup> )	300
CUSTOM CODE	32091000

### 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. 392-2017-00404102\_G\_EN

### PRODUCT FOR PROFESSIONAL USE ONLY

Product meets with prescriptions of 2003/53/CE Directive.

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 update said data sheets without prior notice. Clients are kindly requested to verify that they are in possession of the current edition.