



# WINGUM PLUS H<sub>2</sub>O

High quality, fibre-reinforced,  
waterproofing liquid membrane.



Now even better performing with the use  
of new **WINDECK** Protective Coating





# WINGUM PLUS H<sub>2</sub>O

**THE MOST TECHNOLOGICAL EVOLUTION IN LIQUID WATERPROOFING FOR LARGE SURFACES, TODAY EVEN BETTER PERFORMING.**

**COMPLIANT WITH ETAG 005 GUIDELINES, AND WITH ASTM D 6083 REQUIREMENTS**

## **NATURE OF THE PRODUCT**

Fibre-reinforced water-based coloured elastomeric liquid waterproofing membrane. Well suited for applications in areas with water stagnation, foot traffic and over substrates subjected to movement and vibrations.

## **CHARACTERISTICS**

**WINGUM PLUS H<sub>2</sub>O** is a new concept liquid applied membrane that makes it possible to obtain long-lasting and highly reliable waterproofing applications in projects of any size and shape. It has exceptional resistance to UV exposure, water stagnation, aging, atmospheric agents, low and high temperatures as well as to harsh weather conditions. The environmental impact of the product is virtually reduced to zero.

## **USE**

**WINGUM PLUS H<sub>2</sub>O** can be applied over concrete, masonry blocks, ceramic tiles, natural stone, wood, plywood or OSB panels, metal (including oxidized metal), smooth or granular bituminous membranes. It is ideal for protecting surfaces which demand the use of a reliable premium quality waterproofing product.





## TECHNICAL CHARACTERISTICS

RESISTANCE TO ATMOSPHERIC AGENTS	excellent
RESISTANCE TO UV RAYS	excellent
RESISTANCE TO WATER STAGNATION	excellent

### Adhesion after sun-rain cycles, 25 cycles (UNI 10686: 1998)

SUPPORT	BEFORE SUN-RAIN CYCLES	AFTER SUN - RAIN CYCLES	REQUIREMENT
Concrete	1,45 N/mm <sup>2</sup>	1,20 N/mm <sup>2</sup>	× 1,0 N/mm <sup>2</sup>
Ceramic	1,7 N/mm <sup>2</sup>	1,55 N/mm <sup>2</sup>	× 1,0 N/mm <sup>2</sup>

### Tests made after accelerated ageing

PROPERTY	RESULT	REQUIREMENT	TESTING METHOD
Maximum Weight (N)	8.8	× 5	ASTM D 2372
Low Temperatures Flexibility (-26 °C)	NO Crack	NO Crack	ASTM C 794
Water Swelling (% mass)	< 6	- 20	ASTM D 471

### Resistance to abrasion in compliance with ETAG 008

NUMBER OF CYCLES	Weight loss in %
10.000	0

### Resistance to abrasion in compliance with ETAG 008 after 24 hour water immersion

NUMBER OF CYCLES	Weight loss in %
10.000	0





## WINDECK TREATMENT

In application such as balconies or terraces subjected to foot traffic with heeled shoes or where patio furniture or other hard objects are positioned, WINKLER strongly recommend the use of WINDECK (Special Protective Transparent Finish Coating) for a superior protection of the **WINGUM PLUS H<sub>2</sub>O** membrane. When using WINDECK, **WINGUM PLUS H<sub>2</sub>O** must be reinforced with WINTECHNO MAT and applied over hard substrates such as concrete or tiled surface.

## SURFACE PREPARATION

Clean support surface thoroughly in order to eliminate dirt, dust, loose materials, any form of oil or grease and foreign or bonding-proof matter. Over excessive dusty concrete surfaces use WINFIX CONCRETE prior to the application of **WINGUM PLUS H<sub>2</sub>O**. Apply BC SEAL BAND (Self-Adhesive Butyl Band) around perimeter edges of the surface and over corners such as wall to floor or wall to wall and BC SEAL PAD around penetrations such as drains, ventilation or plumbing pipes, other roof penetrations etc. Use WINJOINT BAND over expansion joints and/or concrete control cuts.

### Impermeability (UNI EN 1928:2002)

Applied on WINGUM PLUS H <sub>2</sub> O	2 bar
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### Puncture resistance (EN 12730-A/EN 12691-A)

Static/Dynamic applied on WINGUM PLUS H <sub>2</sub> O	20 kg/600 mm (500 g weight)
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## APPLICATION

**WINGUM PLUS H<sub>2</sub>O** is ready to use and can be applied with a brush, roller or airless gun at temperatures between +5°C and +35°C ambient and substrate. Ensure the substrate is dry and check for hidden humidity within the substrate prior to applying the product. **WINGUM PLUS H<sub>2</sub>O** must always be reinforced with WINTECHNO MAT embedded when substrate is subject to special stress or vibrations, in case of granular membrane restoration, or if **WINDECK** will be applied as protective finish coat and for applications over large surfaces.

**WINDECK** shall be applied with square notched trowel after complete curing of **WINGUM PLUS H<sub>2</sub>O** reinforced with WINTECHNO MAT embedded.

## CONSUMPTION

### **WINGUM PLUS H<sub>2</sub>O**

1.2 – 1.4 kg/m<sup>2</sup> in two coats.

1.8 – 2.0 kg/m<sup>2</sup> in two coats with reinforcement interposed.

### **WINDECK**

0.4 kg/m<sup>2</sup> in one coat.

## PACKAGING

### **WINGUM PLUS H<sub>2</sub>O**

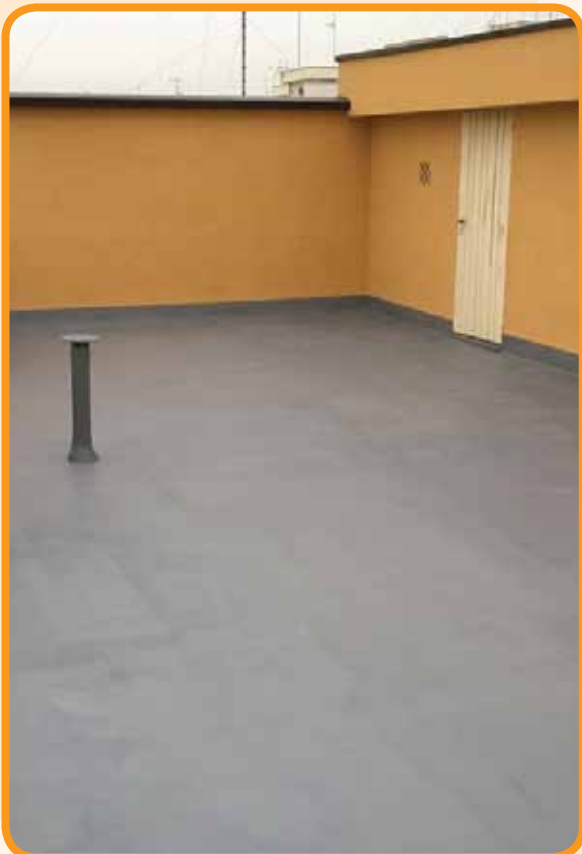
5-10-20kg buckets.

Colours: white-grey-red-green.

### **WINDECK**

5-20kg buckets.

# ACCESSORIES WINGUM PLUS H<sub>2</sub>O





## **BCSEAL BAND FOR CORNERS REINFORCEMENT AND SEALING**



## **WINJOINT BAND FOR EXPANSION JOINTS SEALING**



## **BCSEAL PAD FOR SEALING AROUND PLUMBING AND VENTILATION PIPES, DRAINS...**





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