



### RESPECTING MANKIND

Winkler's goal is to develop products that make a positive impact on the world around us. The first beneficiary of our products is you.



### RESPECT THE ENVIRONMENT

Today's world is overloaded with toxic products that are difficult to dispose of. This can affect our health and that of our children.



### SAFE STORAGE

Winkler solutions have been specially developed with safety in mind, and they comply with all fire and transport regulations: the safety and peace of mind of our customers is our top priority.



### ADVANCED RESEARCH

Our research and development laboratory keeps up to date with the latest market trends and the latest developments in raw materials to provide innovative solutions to our customers.

Want to see how to best use the product?  
Scan the QR code with your smartphone or tablet  
for further information.

#### WINGUM PRO TECK



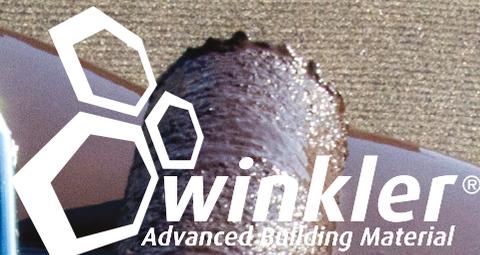
#### WINGUM PRO TECK ANTI-ROOT



#### WINGUM PRO TECK RAPID



#### WINGUM PRO TECK RAPID ANTI-ROOT



**WINGUM PRO TECK  
WINGUM PRO TECK  
ANTI-ROOT**

**WINGUM PRO TECK  
RAPID  
WINGUM PRO TECK  
RAPID ANTI-ROOT**

Bituminous liquid waterproofing,  
elastomeric, thixotropic water-based.



Winkler Srl  
Via M. Buonarroti, 15 - 20093 Cologno Monzese (Mi) - Italy  
Tel. +39 02 26 700 605 - info@winklerchimica.com  
www.winklerchimica.com



## PROTECTS PEOPLE AND RESPECTS THE ENVIRONMENT

All Winkler products are water-based  
or made of 100% solid components  
and contain no solvents.  
WINKLERSAFE means  
developing revolutionary  
and eco-friendly products  
that are also highly performing.

An innovative solution,  
which is the result  
of advanced research used  
to achieve the highest quality.  
Our mission began almost  
forty years ago,  
and it is confirmed daily  
by WINKLERSAFE  
product certifications,  
ensuring reliability  
and innovation in sustainable  
waterproofing.

**WINGUM PRO TECK  
WINGUM PRO TECK  
ANTI- ROOT**

**WINGUM PRO TECK  
RAPID  
WINGUM PRO TECK  
RAPID ANTI-ROOT**

THE EXCLUSIVE **WINKLERSAFE** TECHNOLOGY HAS PIONEERED THE DEVELOPMENT OF WATER-BASED PRODUCTS WITH LOW OR NO ENVIRONMENTAL IMPACT. THIS HAS ENABLED THE FORMULATION OF OTHER NEW WATERPROOFING PRODUCTS PROVIDING EXCEPTIONAL TECHNICAL CHARACTERISTICS AND DURABILITY.

**PRODUCT OVERVIEW**

Water-based thixotropic bituminous waterproofing liquid membrane, resistant to water stagnation.

**FEATURES AND AREAS OF APPLICATION**

**WINGUM PRO TECK**

Is a highly resistant and durable liquid waterproofing product, designed for the waterproofing of newly constructed surfaces or for the refurbishment of old damaged bituminous surfaces. The special formulation guarantees exceptional resistance to ageing and to the most difficult work conditions, even with marked temperature changes. **WINGUM PRO TECK** can be applied on concrete, fibre cement, stone materials, wood, bituminous mats, ceramics and metal. It can be used for the waterproofing of flat roofs, foundations, gutters, service terraces and is particularly suitable for the renovation of damaged bituminous membranes. Its special formulation allows it to be left directly exposed to UV rays for a period of 2 years. It can be used as a waterproof layer before the placement of floating floors and, thanks to the corrosion inhibitor contained inside, it can be directly applied to metal surfaces, even oxidisable ones, without the need for special primers. For the waterproofing of roof gardens and planters, **WINGUM PRO TECK** is available with an **ANTI-ROOT** ingredient. Thanks to its fibre reinforced formulation, this product allows thick application, ideal for providing exceptional protection with just two coats.

**WINGUM PRO TECK RAPID - WINGUM PRO TECK RAPID ANTI-ROOT**

Ideal for use where there are significant temperature fluctuations, night time condensation, and in seasons with frequent rainfall, the innovative **RAPID** version is now available offering fast drying and rain waterproofing times. When the weather conditions allow it and where the roof surface area is manageable, it is possible to apply **WINGUM PRO TECK RAPID** and **WINGUM PRO TECK RAPID ANTI-ROOT** "Wet on Wet", without waiting for the first coat to dry. Where there are irregular sub-layers, which may be subject to particular stresses or over larger surface areas, the **WINGUM PRO TECK** range must be reinforced with the special **WINTECHNO MAT** reinforcement fabric.

**APPLICATION**

Application is by standard or broad brush, roller or airless pump.



**USEFUL ADVICE**

Thoroughly clean the substrate to remove: dust, crumbly parts, foreign matter or non-stick elements. The application must take place on a dry surface. It is always advisable to check for hidden moisture, to avoid peeling or bubbling due to vapour pressures. The application of **WINFIX CONCRETE** is recommended on crumbly sub-layers. Although the product offers resistance to UV rays, given its highly heat-absorbing black colour, it is advisable to always protect it from direct radiation using the **2000 PLUS**, **2000 PLUS REFLEX**, **ECOSILVERALL** or **COVERAME** products. For the reinforcement of corners, we recommend the use of **BC SEAL BAND** self-adhesive butyl tape protected with polypropylene TNT, while for pipes, nozzles, aerators, etc., use **BC SEAL PAD** square self-adhesive butyl pad. Where there are expansion joints, use **WINJOINT BAND**, an elastic sealing tape with very high elasticity. Apply at temperatures between +5°C and +35°C.



**CONSUMPTION**

**WINGUM PRO TECK - WINGUM PRO TECK RAPID**

1 - 1.2 kg /m<sup>2</sup> in two or more coats on vertical surfaces.  
1.2 - 1.6 kg /m<sup>2</sup> in two or more coats on horizontal surfaces.  
1.8 - 2.0 kg/m<sup>2</sup> with two coats with **WINTECHNO MAT**.

**WINGUM PRO TECK ANTI-ROOT**

**WINGUM PRO TECK RAPID ANTI-ROOT**

2 - 2.5 kg/m<sup>2</sup> with two coats.  
2.5 kg/m<sup>2</sup> with **WINTECHNO MAT** reinforcement fabric.

**PACKAGING**

**WINGUM PRO TECK - WINGUM PRO TECK RAPID**

1 kg cans - 30 pieces per box.  
Buckets of 5 - 10 - 20 kg.

**WINGUM PRO TECK ANTI-ROOT**

**WINGUM PRO TECK RAPID ANTI-ROOT**

5 - 20 kg buckets.

**STORAGE**

The product, when stored in its original, unopened packaging in a cool and dry place, has a shelf-life of 24 months.



**PERFORMANCE OF THE PRODUCT IN USE**

Adhesion to the concrete substrate (EN 14891)	≥1,0 N/mm <sup>2</sup>
Crack-Bridging Capacity (EN 14891) 23°C	≥1,5 mm
Crack-Bridging Capacity (EN 14891) -5°C	≥1,0 mm
Tensile strength with reinforcement (ASTM D237)	7 N/mm <sup>2</sup>

**TECHNICAL FEATURES**

PRODUCT	WINGUM PRO TECK/RAPID
Colour	Brown (wet) - Black (dried)
Application temperatures	from +5°C to +35°C

Certificate ASTM D 1227-95 (2007)



PRODUCT	WINGUM PRO TECK ANTI-ROOT/RAPID
Colour	Brown (wet) - Black (dried)
Hardening at 20°C	Complete after 48 hours
Water resistance	Excellent after drying
Determination of root penetration resistance (UNI EN 13948 October 2007)	Absence of penetration
Application temperature limits	from +5°C to +35°C

**DRYING TABLES**

**WINGUM PRO TECK RAPID / TECK RAPID ANTI-ROOT**

TWO-COAT APPLICATION			
ENVIRONMENTAL CONDITIONS	RAIN PROOF	SECOND COAT	DRYING (AFTER SECOND COAT)
22°C up to 65% RH	4 hours	4 hours	24 hours
15°C up to 65% RH	5 hours	5 hours	24 hours
10°C up to 65% RH	6 hours	6/7 hours	36 hours
5°C up to 65% RH	7 hours	7/8 hours	48 hours

**APPLICATION IN A SINGLE "WET ON WET" COAT**

ENVIRONMENTAL CONDITIONS	RAIN-PROOF	DRYING
20°C up to 55% RH	18 hours	48 hours
15°C up to 55% RH	18 hours	48 hours
10°C up to 55% RH	24 hours	72 hours
5°C up to 55% RH	36 hours	72 hours