



WINGUM PRO ANTI-ROOTS

Item Code see DN

Date of issue 2019.10.7th

Revision nr. 09

Page 1 of 3

Via M. Buonarroti, 15 – 20093 Cologno M.se (MI) – Italia Tel. +39 02/267.00.605 – Fax +39 02/267.00.621 –
info@winklerchimica.com www.winklerchimica.com

DESCRIPTION OF THE PRODUCT

Elastomer-bituminous, fibre-reinforced liquid membrane in water dispersion, waterproofing, root-proof and resistant to water ponding, formulated by WINKLER R&D labs.

USE FIELDS

Product used for protecting and waterproofing surfaces, also flat, made of: concrete, fibre-cement, wood and brickworks, intended to host seeds or roots such as planters and hanging gardens. It can be applied also on bituminous membrane (both smooth or slated).

SURFACE PREPARATION

Accurately clean the support to eliminate: dust, crumbly parts, foreign or bonding-proof matters. Apply on dry surfaces and supports. Check foundation wet to avoid onset of bubbles due to vapour pressure.

A practical method to check hidden wet in the support to be treated could be to cover a square metre of the surface – better when exposed to the sun – with a polyethylene sheet of almost 2 tenths fully sealing it at edges with double-bond tape.

After 24-48 check the possible condensation water under it.

On powdery floor foundations, in order to allow the adhesion, it is advised the preventive application of **WIN FIX CONCRETE**.

WARNING

Do not add any additive.

Do not use if the packaging is damaged.

Do not add water.

APPLICATION

The product used as **WATERPROOFING PROTECTION** is ready to use and must not be diluted with water. On perimeter edges of the surface, apply the waterproofing adhesive band BC SEAL BAND. For waterproofing and sealing around roof penetrations such as

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.



WINGUM PRO ANTI-ROOTS

Item Code see DN

Date of issue 2019.10.7th

Revision nr. 09

Page 2 of 3

Via M. Buonarroti, 15 – 20093 Cologno M.se (MI) – Italia Tel. +39 02/267.00.605 – Fax +39 02/267.00.621 –
info@winklerchimica.com www.winklerchimica.com

drain, ventilation pipes, other roof penetrations or around plumbing pipes and drains, use BC SEAL PAD, self-adhesive butyl square pad. Apply by roller, paintbrush, spatula or trowel. As performances depend on possible superficial damages, in addition to support porosity, to achieve a homogenous and continuous layer, it is advised the application of more coats (almost 2 coats).

To quickly achieve the suitable, safe and homogeneous waterproofing layer, it is suggested to interpose between first and second coat a WINTECHNO MAT.

The second coat must be applied exclusively when the first one is fully dried (12-24 hours depending on temperatures).

In case of application on a polymer-bitumen membrane, wait at least 180 days for oxidation.

USEFUL SUGESTIONS

WINGUM PRO ANTI-ROOTS cannot be waterproofing if at least once it does not reach fully drying, therefore it must not be applied with bad weather, rainy weather and on frost surfaces or subject to night chill. Protect it during the first 24 hours from water, rain, snow. Do not apply on wet surfaces.

CONSUMPTION

2 - 2.5 kg/m² in 2 or more coats, with WINTECHNO MAT interposed.

PACKAGING

5-20 kg buckets.

STORAGE

The product in its undamaged packaging can be stored for 24 months. Please store it at temperatures between +5 and +35 °C. No frost-proof.

SAFETY INSTRUCTIONS

PRECAUTIONS

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.



WINGUM PRO ANTI-ROOTS

Item Code see DN

Date of issue 2019.10.7th

Revision nr. 09

Page 3 of 3

Via M. Buonarroti, 15 – 20093 Cologno M.se (MI) – Italia Tel. +39 02/267.00.605 – Fax +39 02/267.00.621 –
info@winklerchimica.com www.winklerchimica.com

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)

PRODUCT FEATURES

Colour	Brown – black (once dried)
Density at 20°C (g/cm ³)	1.05
SOLID CONTENT (%)	48 ± 1.0
Hardening at 20°C	Full after 48 hours
Limit temperatures of application	+ 5°C + 35°C

OPERATIONAL PRODUCT PERFORMANCES

Elongation (%)	700 %
Resistance to wet	Very good after full drying
Resistance to roots penetration (UNI EN 13948 Oct. 2007)	No penetration.

Volatile Organic Compounds Emission

Parameter	Max. allowed concentration (µ/m ³)
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. 392-2017-00404101_G_EN

Product in compliance with Directive 2003/53/EC

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.