

DESCRIPTION OF THE PRODUCT

Developed by WINKLER's Research & Development laboratory, WIN BITUROOF is a single component, ready-to-use levelling paste made from water dispersion bitumen.

FIELDS OF USE

The product guarantees exceptional workability and is easy to apply: it is used for levelling out and restoring slopes on bitumen supports (smooth or slated membranes) or on heat-insulating panels before applying a new layer of waterproofing product. It may also be used as cant strip material at wall-floor corners.

SURFACE PREPARATION

Clean all substrate surfaces thoroughly in order to eliminate dirt, dust, and loose materials, any form of oil or grease and foreign or bonding-proof matters. Apply only over dry substrates. Modified bitumen membranes must have undergone at least 180 days of oxidation before proceeding with the application of the product.

Membranes that are damaged, perforated, feature small humps and depressions or detached, as well as fish-mouth at overlapping seams shall be repaired and sealed using the rubber-bitumen sealing product WIN SEAL.

RECOMMENDATIONS

Do not use additives.

Do not use if packaging is damaged.

Do not add water and/or solvents

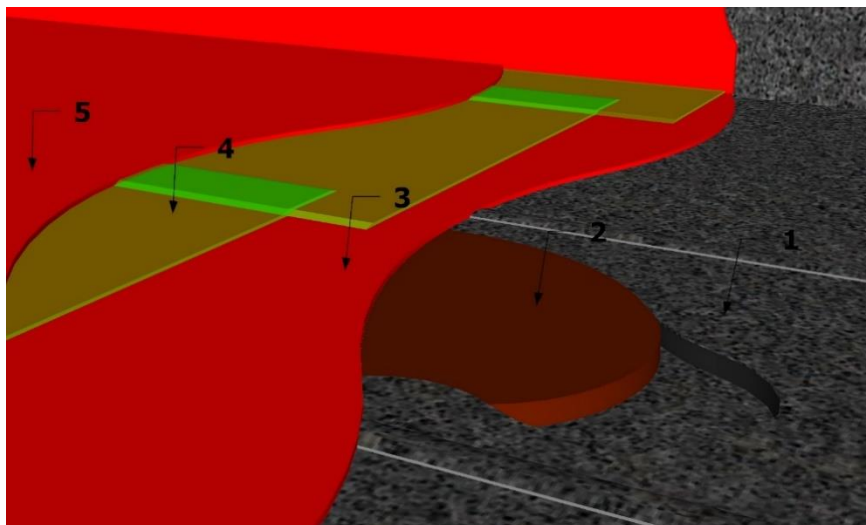
APPLICATION

Quickly stir the product to homogenize before use. WIN BITUROOF is ready-to-use and can be applied with a trowel or a smooth metal spatula.

Each layer of product should be between 2 to 15 mm. For more application, wait at least 24 hours. Maximum thickness: 4 cm.

Protect WIN BITUROOF from water, rain, snow or high humidity at night for at least 48 hours. The topping waterproofing product can be applied on a dry and clean substrate, within the following 14 days. WIN BITUROOF can be used in conjunction with any WINKLER waterproofing liquid membrane. New modified bitumen membranes can be applied by light torching or cold applied using WINGLUE, WINGLUE FAST or WINGLUE UNIVERSAL.

Recommended application temperatures are between +5°C and +35°C.



KEYS:

1. Old bituminous membrane
2. Restoration of depressions by WIN BITUROOF;
3. First layer of WINGUM PLUS H₂O;
4. WINTECHNO MAT, 70 g/m² non-woven reinforcement.
5. Second layer of WINGUM PLUS H₂O.

CONSUMPTION

1.6 - 1.7 kg/m² per mm of thickness

PACKAGING

5-20 kg pails

STORAGE

The product, in its sealed undamaged packaging, remains stable for 12 months. Store at temperatures between +5°C and +35°C.

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)

FEATURES	STANDARDS	RESULTS
Colour	-	Brown (black once completely dry)
Density at 20 °C	EN ISO 2811-1	1.65 ± 0.05
pH	UNI 8490-4	10 ± 1
Dry residue	EN ISO 3251	85 ± 0,3 %
Brookfield Viscosity at 20°C	UNI EN 8490	12000 ± 2000 cps
Hardening at 20° C	-	24 h

PERFORMANCE OF THE PRODUCT IN OPERATION

FEATURES	STANDARDS	RESULTS
Application temperatures	-	+ 5°C + 35°C
Elongation %	ASTM D2370	10 ± 2
Adhesion to bitumen undercoats	-	Excellent

Volatile Organic Compounds Emission

Parameter	Max. allowed concentration (µg/m³)
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_02.

PRODUCT FOT PROFESSIONAL USE ONLY

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.