PRODUCT DATA SHEET

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REVIEW: NO. 6

WIN BITUROOF

DESCRIPTION OF THE PRODUCT

Formulated by WINKLER Research & Development Laboratories, **WIN BITUROOF** is a single-component, ready-to-use levelling paste based on water-dispersed bitumen.

FIELDS OF USE

The product offers exceptional workability and is easy to apply. It is used for levelling and restoring slopes on bitumen substrates (smooth or mineral-surfaced membranes) or on thermal insulation panels prior to the application of a new waterproofing layer. It can also be used to form can't strips at wall-to-floor corners.

SURFACE PREPARATION

Thoroughly clean the substrate to remove dust, loose or crumbling material, and any foreign or non-adherent substances. Apply the product to a dry surface.
Modified bitumen membranes must have undergone at least 180 days of oxidation before the product is applied.
Damaged or perforated membranes, as well as those with humps, depressions, detachment, or fish-mouths at overlapping seams, must be repaired and sealed using the rubber-bitumen sealing product **WINSEAL**.

RECOMMENDATIONS

Do not add any additives.
Do not use the product if the packaging is damaged.
Do not add water or solvents.

WARNINGS

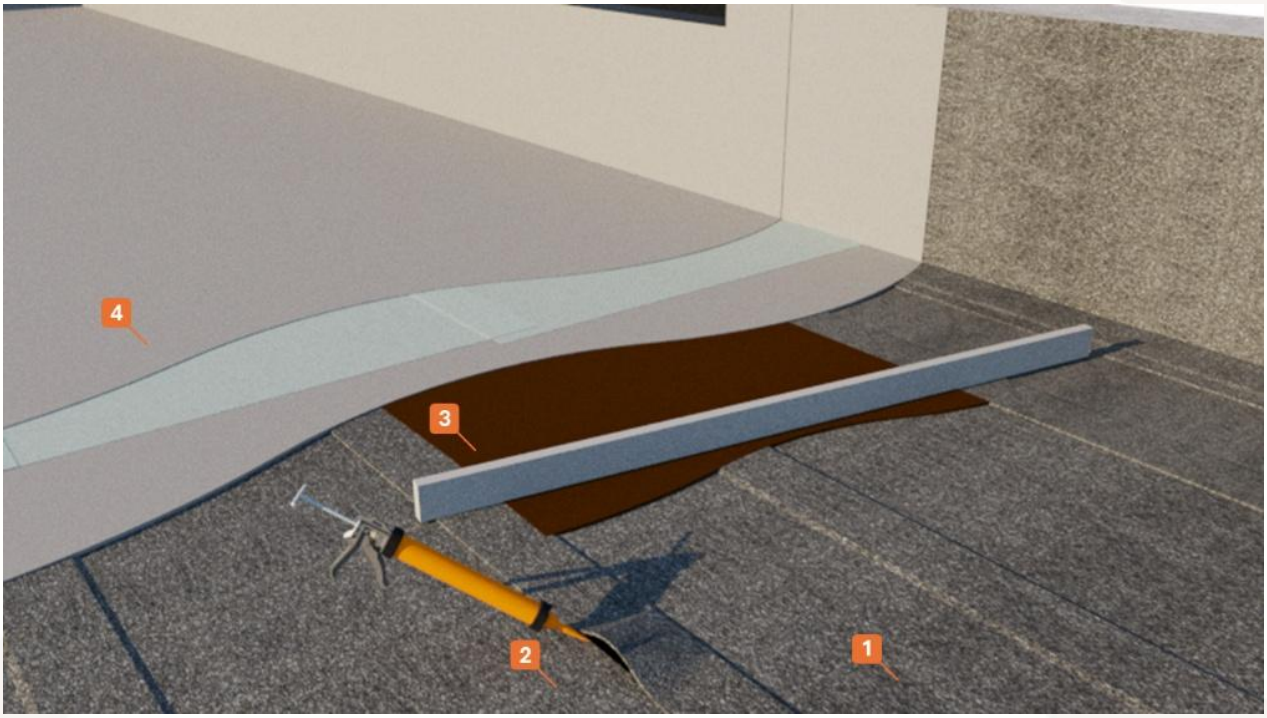
The product should be applied only under environmental conditions that allow it to dry completely and as quickly as possible.
Protect the treated surface from water, rain, snow, or high nighttime humidity for at least 48 hours. The finishing waterproofing product can be applied on a dry and clean substrate within 14 days. **WIN BITUROOF** can be used in conjunction with any **WINKLER** waterproofing liquid membrane.
New modified bitumen membranes can be applied either by light torching or by cold application using **WINGLUE**, **WINGLUE FAST**, or **WINGLUE UNIVERSAL**.
Apply at temperatures between +5°C and +35.

winkler® Advanced Building Material

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

APPLICATION

Quickly stir the product to ensure it is homogeneous before use. WIN BITUROOF is ready-to-use and can be applied with a trowel or a smooth metal spatula.
Each layer should be 2-15 mm thick. For additional layers, wait at least 24 hours before application. Maximum total thickness: 4 cm.



LEGEND:

1. Existing bituminous membrane
2. Restoration of overlaps with **TIXO SEAL**
3. Repair of depressions using **WIN BITUROOF**;
4. Application of the **WINGUM PLUS® H_2O** system;

CONSUMPTION

1.6-1.7 kg/m^2 per mm of thickness

PACKAGING

5-20 kg buckets

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STORAGE
The product in its original and undamaged packaging, can be stored for up to 12 months. Store at temperatures between +5°C and 35 °C. The product is not frost-resistant.

SAFETY INSTRUCTIONS

PRECAUTIONS
For safety information, the user must refer to the latest Safety Data Sheet (SDS), prepared in accordance with applicable regulations. The SDS contains detailed information on the physical, toxicological, and safety characteristics of the product.

DISPOSAL AND ENVIRONMENTAL PRECAUTIONS
Do not release the product or empty containers into the environment. For detailed disposal instructions, refer to the most recent Safety Data Sheet (SDS).

TECHNICAL FEATURES
(average value)

FEATURES	STANDARD	RESULT
Appearance	-	Brown viscous paste
Colour	-	Brown (black once completely dry)
Density at +20°C	EN ISO 2811-1	1.65 ± 0,05 g/cm^3
pH	UNI EN 8490-4	10 ± 1
Dry residue	EN ISO 3251	85 ± 0.3%
Brookfield viscosity at 20°C	UNI EN 8490	12.000 ± 2.000 cPs
Hardening at 20°C	-	24 h

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PERFORMANCE OF THE PRODUCT IN SERVICE

FEATURES	STANDARD	RESULT
Application temperature	-	+5°C to + 35°C
Elongation	ASTM D 2370	10±2%
Adhesion to bituminous 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. 392-2017-00404102_G_EN_02.

PRODUCT FOR PROFESSIONAL USE ONLY

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