

PRODUCT DATA SHEET

ISOBITOL

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DESCRIPTION OF THE PRODUCT

Bituminous emulsion enhanced with selected resins and thixotropic extenders. Formulated by WINKLER Research & Development Laboratories.

FIELDS OF USE

Product used for the protection and waterproofing of vertical surfaces and external walls before backfilling, as well as for tanks, foundations, cold rooms, and silos. It adheres perfectly to concrete, bricks, masonry, wood, and non-oxidizable metals. In agriculture, it can be used to protect grafts from water infiltration and pests, helping to maintain the proper humidity of grafted branches and facilitating the healing of pruning or cutting wounds.

SURFACE PREPARATION

Thoroughly clean the substrate to remove dust, loose or friable material, and any foreign or non-adherent substances. For powdery concrete substrates, it is recommended to apply a preliminary coat of **WINFIX CONCRETE**.

RECCOMENDATIONS

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

WARNINGS

The product should be applied only under environmental conditions that allow it to dry completely and as quickly as possible. Do not apply the product on frozen surfaces, surfaces exposed to nighttime frost, or during rainy weather. Protect the treated surface from water, rain, and snow for at least the first 24 hours after application. Do not apply in conditions of high nighttime humidity (above >80% R.H.).

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Do not apply **ISOBITOL** on surfaces subject to standing or ponding water; the substrate must have a sufficient slope to ensure proper rainwater drainage.

Before backfilling, it is recommended to protect the **ISOBITOL** surface with an HDPE draining embossed membrane.

Apply at temperatures between +5°C and +35.

APPLICATION

The product is ready to use and can be applied with a roller, brush, or spatula, in two or more coats to achieve a uniform thickness.

Allow the first coat to dry completely before applying the next one; wait at least 24 hours between coats.

CONSUMPTION

1 – 1.5 kg/m² in two or more coats

PACKAGING

1 kg cans - 30 pieces per box

5-10-20 kg buckets

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.

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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	RESULT
Appearance	Tixotropic Paste
Colour	Dark brown – Black once dried
Odour	None
Density at +20°C	1.1 g/cm ³
Solid content	45%
pH	10
Drying time ay +20°C	Approx. 1 hour, depending on substrate porosity and applied coat thickness

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VOLATILE ORGANIC COMPOUNDS EMISSION

PARAMETER	MAX. ALLOWED CONCENTRATION ($\mu\text{g}/\text{m}^3$)
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. 392-2017-00404102_G_EN_02.

The product complies with the requirements of Directive 2003/53/EC.

PRODUCT FOR PROFESSIONAL USE ONLY

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