

LIQUIGUM BLACK

BITUMINOUS LIQUID MEMBRANE DISPERSED IN WATER

NATURE OF THE PRODUCT

A bituminous liquid membrane dispersed in water, elastomeric, waterproof, thixotropic.

FIELDS OF USE

A product used to waterproof foundations, terraces, channels and to restore bituminous coats. Can be used for applications on surfaces in concrete, fibre cement, wood, natural stone, brickwork and bituminous coats in general.

SURFACE PREPARATION

Thoroughly clean the base to remove: dust, friable parts, foreign substances or anything that could hinder adhesion; the product must only be applied to dry surfaces and bases.

Check for any humidity in the foundation, which must be removed to prevent air bubbles from forming as a result of vapour being created during the summer.

A practical method of checking for concealed humidity in the base to be treated is as follows:

- Cover one square metre of surface area, preferably exposed to the sun, with a polythene sheet at least 0.2 mm thick, hermetically sealing around the edges with double sided tape;
- Check after 24 - 48 hours for any condensation underneath it.

To help adhesion on loose foundations, a prior coat of LIQUIGUM BLACK diluted at least 50% – 70% with water is recommended. In this form the product applied only acts as a PRIMER, LIQUIGUM BLACK should then be applied as described below.

ADVICE

Do not add cement or additives, do not add water unless the product is being used as a PRIMER on loose foundations, do not use if the container is damaged.

APPLICATION

The product used as a WATERPROOF PROTECTION is ready for use and does not need to be diluted with water.

It can be applied with a roller, paintbrush, brush, spatula or trowel.

Because the yield is dependent upon surface irregularities, as well as the porosity of the base, in order to obtain an even and continuous layer, at least 2 coats should be applied. The second coat must only be applied once the first is completely dry.

WARNINGS

LIQUIGUM BLACK cannot perform its waterproofing function unless it dries properly and as such it must not be applied in adverse weather conditions such as in the likelihood of rain and on surfaces that are frozen or those likely to suffer frost during the night. For the first 24 hours following application protect from water, rain and snow. Do not apply if high humidity is expected during the night.

When LIQUIGUM BLACK is used to contain water (not drinking water), before filling with water wait at least 48 hours after the last coat was applied.

If the product is used as a visible waterproofing, it must be protected with special paints such as IDROVAL, DECORVAL, IDROVAL ALUMINIUM.

In cases where the sun's rays need to be strongly reflected, the surface of LIQUIGUM BLACK can be treated with the special highly reflective paint IDROVAL REFLEX.

COVERAGE

1 – 1.5 Kg/m² in two coats.

PACKAGES

20 Kg tubs.

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STORAGE

The product in its original container and kept in a dry and sheltered place will remain stable for 24 months. Does not withstand frost, store at temperatures of between +5°C and +35°C.

SAFETY RULES

PRECAUTIONS

For information on the safety rules, the user must read the most recent Safety Sheet, written in compliance with the applicable regulatory standards, which contains the physical and toxicological data as well as other information on using the product.

ECOLOGY

Do not dispose of the product and/or empty containers in the environment. See the most recent Safety Sheet for more information on disposal.

PRODUCT FOR PROFESSIONAL USE

PRODUCT CHARACTERISTICS (average values)

Colour	brown
Specific weight at 20°C (g/cm ³)	1.05
Solid content (%)	44 ± 0.5
Hardening at 20 °C	Complete after 48 hours
Application temperature	+5°C / +35°C

PRODUCT PERFORMANCE ONCE APPLIED

Elongation (ASTM D 2371)	750%
Tensile strength (ASTM D 2370)	0.5 N/mm ²
Water absorption (ASTM D 471)	< 20%
Resistance to water	Excellent once dried
Water vapour permeability (EN ISO 7783)	CLASS 2 5 m ≤ S _d ≥ 50 m

Product complies with the requirements of Directive 2003/53/EC

The above figures are approximate average values for products currently manufactured and may be changed without prior notification at any time by Valli Zabban SpA. The technical information provided is based on our best knowledge of the characteristics and use of the product. Because of the numerous potential uses and the high probability of factors intervening that are beyond our control, we cannot accept any liability for the results. The purchaser must make up their own mind and assume full responsibility as to whether the product is suitable for their intended use.

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