

INTRODUCTION

DESCRIPTION

REPELOIL is a ready-for-use impregnator, resistant to the weather, does not yellow with age, based on high quality processed raw materials.

FIELD OF APPLICATION

Indoor and outdoor

For protection against water, greases or oils from the **MORTEX®** and **BEALSTONE®** brand systems or similar products. It is also compatible with most mineral media such as concretes, mortars, natural and artificial stones.

For worktops, wet rooms, furniture, floors and stairs and frontages (anti-graffiti effect).

ADVANTAGES

- Highly effective
- Long-lasting (several years)
- Fast protection
- Pearling effect
- Does not adhere while drying
- Hardening without release of methyl alcohol
- Non-filmogenic
- Permeable to vapour
- Effective at repelling greases and oils
- Good UV resistance
- The hue is slightly influenced

TECHNICAL SPECIFICATION

IDENTIFICATION DATA	
State	Liquid
Appearance	Water
Colour	Transparent to yellowish
Odour	Characteristic
Apparent density (at 20°C)	0.79 kg/litre
Packaging	5 litre cans, net 1 litre bottles, net
Storage	18 months in a dry spot, sheltered from frost and not in contact with the floor, in its original sealed packaging. Never leave the products in full sunlight.
Customs classification	38 24 90 97
APPLICATION DATA	
Consumption	100 to 200 ml/m ² in 2 coats till saturation, (till 4 coats depending on the porosity of the substrate)
Application temperature	+15°C min. to +25°C max. and protection against rain for 2 to 3 hours in ideal conditions
Air humidity	65% min. and 90% max. Ban the use of equipment capable of drying out humidity from the air (dehumidifier, air conditioner, etc.) for 1 week before and after construction site work, as well as during application.
Humidity of the substrate	< 3%
Drying time (at 20°C)	Dry to the touch: 30 minutes to 1 hour Drying time between coats: +/- 5 hours Complete drying: 72 hours

Read the legal instructions at the end of the document

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APPLICATION

SUBSTRATE AND PREPARATION

The substrate must be integral and dry, clean, devoid of dust and not oily. It must be hard, non-gelling and non-flouring.

After being polished, clean the substrate with clear water by rubbing with a half stiff bristle brush. Rinse the substrate, wipe and let dry.

It is recommended that the product be applied over an area of 1 to 2 m² in order to test the result of impregnation, judge the appearance (darkening of the colour) and in order to determine the quantity of the product required.

PREPARATION OF THE MIXTURE

Stir well before use. Keep the mixture homogeneous throughout the working period.

APPLICATION

Apply **REPELOIL** with a paintbrush or a flat micro-fibre pad mounted on a broom or machine. A low pressure (max. 1 bar) vacuum spray can also be used, with the jet at a distance of 5 to 10 cm (precaution to observe: check the resistance and sealing of the pipe to solvents). **REPELOIL** is then applied by strips of 40 to 50 cm wide. For vertical surfaces, work by horizontal strip, always starting from the bottom.

Apply **REPELOIL** in 1 pass till saturation, and leave it for about 10-15 minutes. Wipe off all the surplus, if any, with a rag so that there is no longer any product on the surface, and let dry until getting a matt effect. If the porosity requires it, repeat as many times as necessary.

If the application has been poorly executed (with reduced effectiveness or irregular application), it is possible to apply it again.

The protective effect against water and oil becomes apparent after a few minutes and total effectiveness is achieved after 3 to 4 days.

After drying, make a first cleaning with **FINISH SA TR** diluted in water.

After drying, in the case of an indoor application, you can apply **BEALWAX** protection to the surface for more effective protection and a pearling effect.

POLISHING

To avoid clouding on polished surfaces, they should be repolished (either a pad, a very soft cloth, or sheepskin is used).

If **BEALWAX** has been used, after complete drying, polishing with a sheepskin disk will give a satin finish while spreading the product over the surface more evenly.

MISCELLANEOUS

TOOL CLEANING

The fresh product is cleaned with tepid or warm soapy water.

MAINTENANCE

Surfaces treated with **REPELOIL** need to be maintained without a mordant agent.

For keeping clean: **FINISH SA TR** diluted in water.

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For elimination of scale (also plumbing fittings): vinegar diluted in water. Start with small concentrations and increase them, depending on how hard your water is (20% vinegar / 80% water > max. 50% vinegar / 50% water).

To renew the protection: application of another pass of **REPELOIL** with a cloth.

WARNINGS

Sites must be protected against rain, the sun, wind and frost until drying is complete.

We advise strongly against using media containing salts (sodium sulphate, nitrates, calcium, etc.).

It must be well ventilated during and after application (for approximately 2-3 days) when used in the food processing sector.

Surplus product will cause clouding and stains to appear.

Stored at a temperature below 15°C, the product will tend to thicken; by storing it at around 20°C, it will become totally liquid and homogeneous.

Treated surfaces must be protected against direct solar radiation.

Zones around the working area must be protected.

ADVICE

BEAL strongly recommends following one or more training courses on **MORTEX®** brand products, depending on the purpose of the site. The company organizes frequent training courses, of different types (according to the different application systems) at its headquarters or on the premises of its distributors. They are accessible to both professionals and individuals alike, in Belgium and abroad (see www.beal.be).

After attending training courses, private coaching sessions on site can be organized. For more information, contact us.

Follow the application instructions exactly, according to the purpose of the product. Never use products other than those shown in this technical data sheet, to avoid any risk of things going wrong.

Always carry out tests with the chosen protection, as each pigment and each protection reacts differently.

For a single site and for each product type, always use products bearing the same batch number.

ENVIRONMENT

Dispose of waste in a specialist collection centre.

SAFETY

Wear goggles, gloves and appropriate masks. If application by spraying: do not breathe in the vapours (use a face mask). During application, it is recommended that you wear gloves/gauntlets. In normal conditions of use, the hardened product is not harmful. If it is ingested, consult a specialist.

The safety data sheet is available on request or at www.bealinternational.com

LEGAL INSTRUCTIONS

These instructions, and in particular the recommendations for the application and use of the products are provided in good faith and are based on the knowledge and experience that BEAL has acquired to date about its products when they are properly stored, handled and applied under normal conditions. In practice, the differences between materials, substrates and specific conditions on site are such that this information, or any written recommendation or advice given does not imply any guarantee of merchantable quality other than the statutory guarantee against hidden defects. In no way could we be held liable for an application not complying with our information. None of the data and information relating to suitability for use and application are provided without commitment releases customers from the requirement to carry out their own checks and testing. All orders are accepted subject to our current general terms and conditions of business. It is essential that users read the most recent version of the instructions for the product in question, which will be sent to them on request.

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