



EXTERIER EMAIL

PRODUCT IDENTIFICATION

Belinka Exterior email

DESCRIPTION

Belinka Exterior email is a white enamel for the protection of wood against weathering and other external effects. It contains a film preservative which prevents the development of algae and mould on the surface. It is distinguished by its high level of coverage and resistance to sticking.

COMPOSITION

Acrylic resins, film preservative, weather-resistant pigments, additives and water.

CHARACTERISTICS

Belinka Exterior email:

- » is resistant to weathering,
- » protects wood from UV rays,
- » protects the surface of the coating from algae and mould,
- » has no unpleasant odour,
- » dries quickly and enables the application of several coatings in one day.





AREA OF APPLICATION

This product is used to protect all types of outdoor wood surfaces. It is suitable for the protection of windows, doors and all other wooden elements which are exposed to the effects of weather. It is always used in combination with the Exterior primer.

COLOUR SHADES

Belinka Exterior email is produced in white.

SUBSTRATE PREPARATION

New wood must be dry, sanded and free of dust. Wood which will be exposed to extreme weather conditions (fences, pergolas, garden furniture) must be coated with Belinka Impregnant beforehand. We recommend vacuum impregnation for wood which is in contact with soil.

If wood is of good quality and free of knots, apply 1 layer of Belinka Exterior primer. When dealing with wood with knots, problematic types of wood (e.g. ash, pine, larch, etc.), or wood containing a lot of tannin (e.g. oak, chestnut), apply 2 layers of Belinka Exterior primer. Sand between the first and second layer.

APPLICATION METHOD

Belinka Exterior email should be applied onto a correctly prepared and dry surface with a brush or roller. Mix well before use. Thinning is generally not required. Thin if necessary, but only enough to obtain good levelling so that it does not sag on vertical surfaces. If thinning, however, several layers are required to achieve the same protection.

To obtain suitable protection, 2 layers of Belinka Exterior email are usually required.





When using a brush or roller, make sure to spread the coating well and evenly, and use the prescribed quantity per m².

WORKING CONDITIONS

When working with water-based coatings, it is recommended that the temperature of the substrate, coating and ambient be above 10 °C, and never below 5 °C, whereas the relative air humidity should be between 40 and 80 %. Drying time increases significantly at lower temperatures and/or higher relative air humidity. Avoid coating in strong sunlight. Working in unsuitable conditions can lead to defects in the coating and consequently, lessens the protection of the wood.

DRYING

At normal conditions, 20 °C and a relative air humidity 65 %, Belinka Exterior email is dust dry after approximately 1 hour and dry to sand and for applying another layer after approx. 6 hours.

At lower temperatures and/or very high air humidity, it can take a longer time for the coating to dry. This is favourable for coating purposes, as it also extends the working life of the coating, which is the time frame when the coat can still be fixed without ruining its appearance. At higher temperatures the drying time is decreased.

The next layer can only be applied when the first one is completely dry.

CONSUMPTION

1 l of Belinka Exterior email covers 5–6 m², which can usually be achieved with 2 layers.

The consumption rate applies to spruce wood which had previously been coated with Belinka Exterior primer. The consumption depends on the preparation of the substrate,



the method of application, the thickness of the coating and the shape of the element which is being coated. Less coating remains on the surface once it is smoothly finished, which also reduces consumption.

When thinning Exterior email, make sure to use at least 0.2 l of unthinned enamel/m² to achieve optimal protection. If required, apply several layers accordingly.

CLEANING TOOLS

Tools and accessories should be cleaned with water and detergent immediately after use.

COATING CARE

Any mechanical damage on the coating (bolting, hail, scratches, cracks) must promptly be repaired with Exterior email. Remedial treatment is done on damaged spots by lightly sanding these areas and coating them with 2 layers of Exterior email. This prevents the coating from peeling off later on.

It is recommended to refresh the coating before it shows visible signs of peeling or mechanical damage. At this point, lightly sand the surface (sandpaper for acrylic coatings with grit size 180 to 220 is recommended) and apply 1 fresh layer of Exterior email.

If some parts of the surface are cracked and there are visible signs of surface peeling, all loose parts of the coating must be sanded. 1 layer of Exterior primer and 1 layer of Exterior email should be applied on parts where the coating was sanded all the way to the wood. The second layer of Exterior email should be applied onto the entire surface of the element that requires restoration.

If there are cracks on most of the coating surface and the coating is peeling off, remove the old coating completely, sand the surface well, use Belinka putty for wood as



remedial treatment for the damage, and then apply 1 layer of Belinka Exterior primer and 2 coats of Belinka Exterior email.

ADVICE

Use tools that do not rust. It is recommended to use a high-quality synthetic brush for water-based coatings or a short-bristled microfiber roller.

The appearance of the surface will be nicer if the surface is gently sanded with fine sandpaper for acrylic coatings with grit size 220 and has dust removed after the first coat of Belinka Exterior email is applied.

If it rains onto the surface immediately after the application of the first coat, it is recommended to lightly sand the surface after it has dried.

Wooden cladding should be coated lengthwise on each individual board separately, from the beginning to the end of the board.

Wooden elements should not have sharp edges, as the layer of coating on such edges is generally too thin. If the coating is too thin, this significantly reduces its durability, which would otherwise be good if a suitable thickness is applied.

All assembly cuts, especially transversal ones, must be well protected with Belinka Impregnant, Belinka Exterior primer and Exterior email before assembly. Pay special attention to the quality of protection to transversal cuts, where water seeps into wood first, causing wood underneath the coating to deteriorate.

If wood is assembled incorrectly, this causes the coating and wood to deteriorate more quickly. Constant moisture on wood and water collecting on the surface causes the coating and the wood underneath to deteriorate more quickly. Therefore, the rules of structure protection and assembly of wood must be taken into consideration when planning wooden structures and materials.

When the surface is adequately prepared, Exterior email can also be used to cover surfaces which had previously been protected with woodstains.



LIMITATIONS

The product is not suitable for indoor use, except for windows and exterior doors.

WARNING

The product does not stick, however, direct wood-to-wood contact should be avoided, as the coating is thermoplastic. Therefore, seals suitable for water-based acrylic coatings should be applied onto joinery which is protected with water-based acrylic coatings.

Check with the manufacturer or dealer that the seals are suitable. Unsuitable seals can cause adhesion between the seal and the coating, or even tearing off.

When coating types of wood which are less common, it is recommended to apply a test coat of primer and enamel onto a small (or less visible) sample of wood beforehand.

When restoring surfaces that had previously been protected with linseed oil or waxes, we advise against using Belinka Exterior email, as such surfaces will not enable high-quality adhesion.

STORAGE AND HANDLING

Belinka Exterior email is to be kept in well-sealed packaging at a temperature between +5 to 30 °C, out of reach of children and animals, and away from foodstuff. Pour any unused amount of the product from the big packaging to the top of a smaller packaging, seal well and mark.

This product must not freeze!





SHELF LIFE

Shelf life printed on packaging.

ENVIRONMENT

Do not pour coatings into the drainage system, surface water courses or anywhere in the environment. Use all contents till empty. Dispose of packaging or unused product as special waste. For collection centres ask authorities in your country.

REGULATIONS

In connection with regulations governing product safety, safety at work and transport, read the material safety data sheet.

ADDITIONAL TECHNICAL INFORMATION

More information can be obtained from our distributors or visit our website:
www.belinka.com.

The purpose of this technical information is to describe technical properties and application possibilities of the product. Although advices are based on our long term experiences, buyers must determine for themselves, by preliminary tests or otherwise, the suitability of the product for the expected use. Due to the large number of influences on the properties of product, from substrates, application conditions, workmanship experiences of user, environmental conditions ect., no liability of the producer can be derived from the contents of this information sheet. In case of doubt call our technical consultants.

Document: T_Exterior Email_1AN.doc | Revision: 2
Revision Date: 3. 9. 2024



Document: T_Exterior Email_1AN.doc | Revision: 2
Revision Date: 3. 9. 2024

KANSAI HELIOS Slovenija d.o.o. • Part of KANSAI PAINT. • Količevo 65, SI-1230 Domžale, Slovenija
T +386 (0)1 722 40 00, **E** info-bl@belinka.si, www.belinka.com



belinka