

ABAMAL

Anti-mold

Dear customer,

You have purchased the unique ABAMAL Anti-Mold thermal insulation coating. We would like to thank you for your purchase and, to make it easier for you to remove mold and apply the coating, we are enclosing these instructions on how to work with the coating without any problems or complications.



alphaczech

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What you will need for proper application:

- Cordless drill or mixer (max. speed 150 rpm)
- Cordless mixer for mixing
- Roller or brush
- Covering foil for the floor and furniture
- Painter's grid
- Bucket of water for immediate washing of tools
- Wet cloth or towel

First step - preparing the substrate

The substrate must not contain any loose elements, it must be dry, solid, free of oil and grease stains, dust, mold, salt, rust, and old loose paint or wallpaper. For new plaster, the substrate must be completely cured before applying the coating. Apply to fresh plaster only after it has completely dried (4-6 weeks). For new drywall, it is necessary to prime and undercoat the raw drywall to prevent "spotting" of the final coat. Before application, use ABAMAL Fungicidal Penetration to strengthen the substrate. The paint can be applied to the original paintwork, but the substrate must be solid and not flaking.

TIP

If the original paint was a distinctive color, it is necessary to first repaint this color with ALPHA Color paint. In this case, ABAMAL Anti-Mold Insulating Coating has lower covering power.

Step two – Opening the bucket

Dilute the coating with water according to the package you purchased as follows:

18-liter package – add 0.7 liters of clean water or a maximum of 1 liter of tinting pigment.

5-liter package – add 150 milliliters of clean water or a maximum of 0.2 liters of tinting pigment.

2.5-liter package – add 50 milliliters of clean water or a maximum of 0.1 liters of tinting pigment.

If you are tinting the paint, do not add water. The maximum amount of tinting pigment is 5% of the total weight of the package.

ABAMAL Anti-Mold should be applied in at least 3 coats (the thickness of the coating after drying will be equivalent to 5 sheets of office paper on top of each other). If necessary, more coats can be applied. Clean problem areas and corners with a brush (around windows, corners, etc.).

If stored for a long time and the bucket is opened, the coating may appear hard and dry, making it impossible to apply. This is because during storage, the microspheres have risen to the top as they are lighter, and the dispersion has settled to the bottom.



Open the bucket and slowly mix the paint from top to bottom using a cordless drill with a mixer attachment at a maximum speed of 150 rpm until you reach the bottom of the container. It is necessary to stir the coating material lightly, dilute it with water or water-soluble pigment as recommended above, and mix the entire contents thoroughly. Please note that excessive dilution of the coating material reduces its coverage and impairs its parameters (functionality). Add any dried coating material (not hard) on the lid of the container to the bucket and mix the coating material thoroughly. Then mix the entire coating material with water or pigment until the entire contents are mixed again into a "Greek yogurt" consistency without lumps.

In case of longer application, it is necessary to mix the coating material every 30 minutes with a cordless drill and mixer to prevent the microspheres from settling!

TIP

Never remove mold when dry. Mechanical removal of mold causes mold spores to fly around, which you then inhale. Wipe the mold-infested area and its surroundings with a damp cloth and detergent. Do not use any chemical agents! If the plaster is unstable, scrape the surface with a spatula. We recommend wearing gloves and a respirator when removing mold. After the water with detergent has dried, you can apply ABAMAL Fungicidal Penetration and then ABAMAL Anti-Mold.

Step three – application of primer and coating

Apply ABAMAL Fungicidal Primer to the prepared and mold-free wall in the first step. Dilute the primer in a ratio of 1:3, one part primer to three parts water. It is best to test the absorbency of the substrate on a small area. The penetrating coating must not create a very shiny film (mirror) on the wall. After approx. 3-6 hours*, you can start applying the first coat of ABAMAL Anti-Mold coating.

Applying the coating is very simple. Dip the roller in the coating, roll it over a paint grid to remove excess coating from the roller. Then start applying the coating to the wall with the roller. For large areas, try to apply the coating in several continuous strokes from the center of the wall to the ceiling and floor. Use a brush to paint the corners. Apply one coat of paint to the entire wall or area. Then let it dry for at least 3 hours*. After that, you can apply additional coats and paint the corners again with a brush. It is important to allow each individual layer to dry in order to achieve the desired thermal insulation properties. Failure to follow this procedure will result in stains and uneven application on the painted surface. When applying around windows, we recommend painting the coating at least a few millimeters beyond the window frame.

TIP

If you are using the coating to address extreme thermal bridges, for example around windows, we recommend applying several individual layers until the wall is warm to the touch to prevent air condensation and the formation of mold in this area.

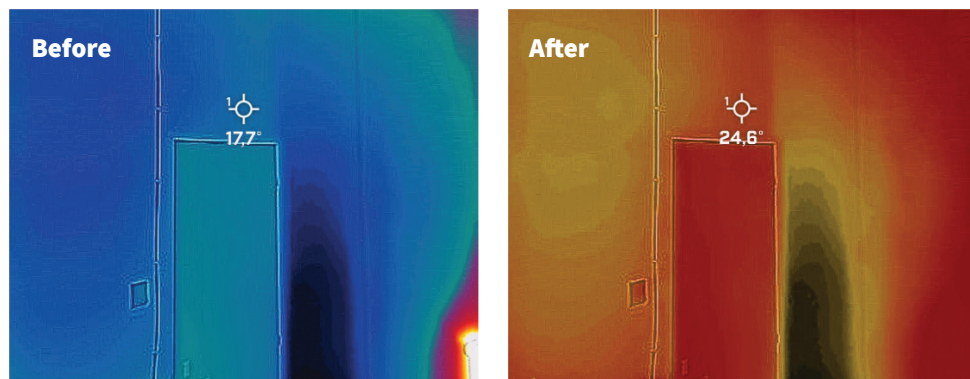
If the wall is significantly cold to the touch, we recommend applying the first coat of undiluted ABAMAL Anti-Mold to the wall. In this case, expect the total coating layer to be more than one millimeter thick.

Step four – enjoy the functionality of the coating

ABAMAL Anti-Mold completely hardens and forms a heat-insulating layer 24-48 hours after application, depending on local conditions. After this time, the coating is fully functional. The surface is warm to the touch. If the coating is mechanically damaged, the affected area can be simply repainted with ABAMAL Anti-Mold, following the same procedure as for the initial application.

Notice

If mold appears on the coating after some time, the required layer of coating has not been applied. The wall is still cold in this area, which is why mold keeps reappearing – air moisture continues to condense here. In the case of extreme thermal bridges, it is necessary to apply several layers of ABAMAL Anti-Mold coating to make the wall warm to the touch. If possible, we recommend inspecting cold walls with a thermal camera to detect such thermal bridges before application and prepare for areas where a thicker layer of paint should be applied to prevent this phenomenon. If you are unsure what to do or if mold appears on the coating, do not hesitate to contact our technical department, where they will advise you on how to proceed.



Storage

Store in a dry, cool, frost-free place in the original sealed packaging for 12 months at temperatures between +5 °C and +35 °C. Once the bucket has been opened, use the contents, which have been diluted with water, within 14 days. Do not expose to direct sunlight. Opened and unused paint (if not diluted with water) can be stored in a well-sealed container for possible repairs for a period of 6 months with as little air space as possible.

We are delighted that you have purchased the revolutionary ABAMAL Anti-Mold coating and would be delighted if you would share your feelings or ideas with us to help us improve both our products and application procedures. We want to be in close contact with our customers, so we will give you a small gift for every reference you provide. Please write to us at **chci@abamal.cz**

* The drying time of the coating depends on local conditions such as the temperature of the wall, ambient temperature, humidity, etc. The data applies to one coat of paint (temperature = 20 °C; relative humidity 50%). Depending on the environment, the drying time can be up to 24 hours.

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