

ABAMAL

Dear customer,

You have received a unique thermal insulation coating, ABAMAL. We would like to thank you for purchasing ABAMAL products. To make it easier for you to insulate your home or solve the problem of cold walls, 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 coatings 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. For new drywall, it is necessary to prime and undercoat the raw drywall to prevent "spotting" of the final coat. Before application, use ABAMAL Basic or ABAMAL Deep Penetration primer 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 shade with ALPHA Color paint. In this case, ABAMAL insulating paint has lower covering power.

Step two – opening the bucket

Diluting the coating:

18-liter package – přidejte 0,7 litrů čisté vody z kohoutku nebo maximálně 1 litr tónovacího pigmentu.

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

CAUTION! Do not add more than 5% water or pigment of the total package content, as this would excessively dilute the paint!

ABAMAL is applied in at least 2 layers (the thickness of the coating after drying will be like 2-3 sheets of office paper on top of each other). For a better thermal effect, it is possible to apply more individual layers. The more layers, the better the thermal insulation effect.

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 at the bottom.



Open the bucket and slowly mix the coating material 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 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 every 30 minutes with a cordless drill and mixer to prevent the microspheres from settling!

Step 3 – Application of primer and coating

In the first step, apply ABAMAL Basic or ABAMAL Deep Penetration primer to the prepared and mold-cleaned wall. 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 primer 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 paint to the wall with the roller. For large areas, try to apply the paint in several continuous strokes from the center of the wall to the ceiling and floor. Paint the corners with a brush. Apply one coat of paint to the entire wall or area. Then allow to dry for at least 3 hours*. After that, you can apply additional coats. It is important to allow each coat 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.

If the wall feels very cold to the touch, we recommend applying the first coat of undiluted ABAMAL 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

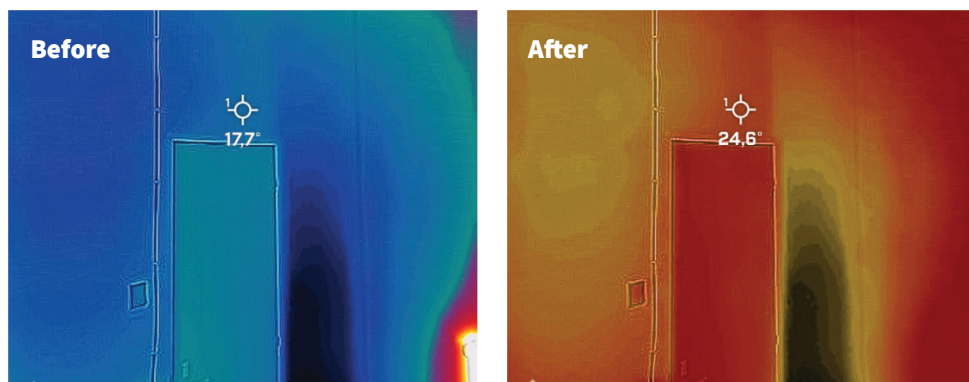
ABAMAL hardens completely and forms a heat-insulating layer 24-48 hours after application, depending on local conditions. After this time, the coating is fully functional. The surface is warm to the touch. If the coating is mechanically damaged, the affected area can be simply repainted with ABAMAL coating,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

TIP

U většiny zákazníků došlo v zimním období dle typu objektu k pozvednutí teploty cca o +6 °C, a objekt se rychleji vytopil.

Notice

If you have applied ABAMAL products and the wall still feels cold to the touch, the required layer of coating has not been applied. In the case of extreme thermal bridges, it is necessary to apply more layers of ABAMAL 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 coating should be applied to prevent this phenomenon. If you are unsure what to do, please 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 revolutionary ABAMAL coatings 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 send you a 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%). Drying time can be up to 24 hours.

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