



The Set Contains:

- Acrylic Primer - 0.2 LIT
- EcoTherm - 1 LIT
- Acrylic Enamel - 2 x 0.25 KG
(White, Light Blue, Light Green, Yellow, Red)
- Structural Roller - 1 PC

One set is enough for 1.5 - 2 m2



Company **EkoLak** is the producer of high quality coatings that meet and exceed the latest industry standards with the great regard for the environment. The products are the result of years of experience in the production of coatings with the technical support from German company Ercros which is our strategic partner. We offer the wide variety of the best, high quality and modern products to the market, as well as technical help and fast delivery. Constant growth of sales in domestic market and the successful placement of our products in foreign markets confirms the validity of the approach which is the basis of our business.

Producer:
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ECOTHERM

THERMAL INSULATION COATING

FOR THE BEEHIVES

EkoLak

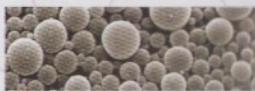




EcoTherm is a water based ecological product that was specially formulated for protection of the beehives. Safety tested by - Jugoinspekt - Belgrade.

This product is the result of the latest **nano** technology that is being used in space crafts. The goal was to create very good insulation with a minimum layer thickness of the coating that won't effect negatively on the other crafts specs and performance overall.

This was done by using special **nano** particles that look like a shallow ball of very small dimensions (20-40 microns) that have great thermal and reflecting properties (1 mm of this coating replaces 5 cm of styrofoam as an insulator or 16 cm if the wood is used).



The principal was used with the beehives protection. We formulated the coat that has the same **nano** particles and got an excellent result. Wooden beehive now has long lasting thermal insulation that has a positive effect on the beehive colony. It is very important that **EcoTherm** has no negative effects on the wood of the hive that keeps all its natural properties. It is applied on the outside of the beehive wall of up to 1 mm in thickness so therefore it doesn't effect the hive dimension nor the weight.

Beehive colony protected by **EcoTherm** coating is easier to maintain needed temperature in both winter and summer period. Because of the all excellent thermal properties the walls of the hive won't be cold in winter months and will not keep the moisture. The overall temperature within the hive will be more pleasant. In the summer the coating is showing its reflecting power. it is reflecting the Sun beams and won't let the hive overheat. That is very important because the high temperature can be more dangerous than cold. All this being said makes the bees healthier, bee colonies stronger and makes them more active so that the bees can produce more honey.



INSTRUCTION FOR USE:

New beehives

First apply **Natural acrylic primer - EkoLak** - about 100g/m². Let dry 3-4 hours. After that it is ready for **EcoTherm** application.

Old beehives

Old coatings on the hive need to be slightly sanded. Remove older hive particles. If there are holes in the hive fill them up with the acrylic putty. If the base coat is too old it is desirable to apply **Natural acrylic primer -EkoLak**. After that let it sit for 3-4 hours and the surface is now ready for the **EcoTherm** coating.

Applying the **EcoTherm**

The coat is ready to use and it only needs to be stirred well.

There are two ways to apply correctly:

- The first way is with the structural roller (included in the box), that will give you an even and well distributed coat.

Preferable apply second coat as well.

If decide to do so wait about 4 hours to apply the next coat. This way you will get the desired thickness of about a 1mm.

- The second way is with the brush (we recommend acrylic brush).

The coat is thick and with no tendencies of dripping so it is a little bit harder to get a smooth surface. make shure the coat is even and rich. After 4 hours apply the second coat where you will get a desired thickness of a 1mm.

After 24-48 hours apply **Natural acrylic enamel - EkoLak** Desired color (14 to choose from) In two layers.

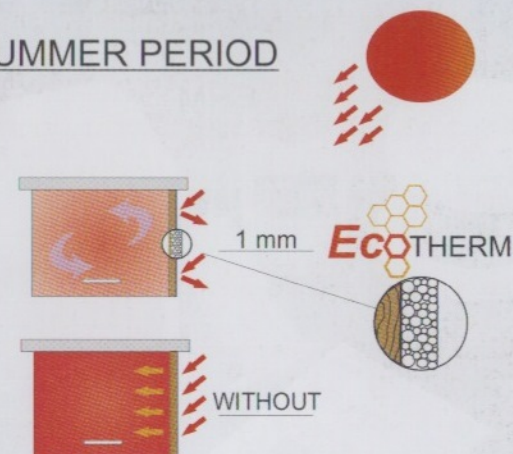


EcoTherm for Beehives



HOW IT WORKS

SUMMER PERIOD



WINTER PERIOD

