

ALL IN ONE

High quality and special formulation water-based, acrylic enamel



11.2023 V.02

High quality and special formulation water-based, acrylic enamel. It presents exceptional adhesion properties on well prepared surfaces and very high protection against humidity. Ideal for the decoration and protection of wooden, metallic and PVC surfaces. The use of primer is not required as the product has very good adhesion on these surfaces. For the metallic surfaces it also has good anticorrosive properties.



Stir well before use



Coverage:
12-14 m²/lt



Drying time:
Touch dry from ½-1 hour



Thinning
with water at a percentage of 15-20% v/v



Paint:
Roller



Paint:
Brush

Product Characteristics

- New technology hydrophobic water-borne resins.
- High adhesion
- High resistance to humidity
- High resistance to weather conditions
- Anti-corrosion protection
- No special primer is required.

Shades

Available in white, black, and dark green. It also can be tinted in pal and medium shades with BERLING's color system.

Packaging:

0,5lt
2,5lt



The above information is based on laboratory audits and the long experience of the scientific staff of the company. The quality of the product is guaranteed by the company's operating system which is based on the requirements of ISO 9001, ISO 45001, ISO 14001 and the EMAS regulation. As producers we are not responsible for any damage or damage caused in the event that the product has not been used for the appropriate application and in accordance with its instructions for use.

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Technical Specifications



V.O.C. 100gr/lit (max content in Volatile Organic Compounds of ready to use product).

Specific gravity 1.30 ± 0.02 gr/cm³ (ISO 2811)

Viscosity 80-95 K.U. at 25 °C (ASTM D562)

pH 7.5-8.5

Gloss 10-15 units at 60°

Coverage 12-14 m²/lit per coat, depending on the application method and the surface absorbency.

Drying time Touch dry from ½-1 hour, depending on environmental conditions. Trough dry at least after 24 hours (drying time can be prolonged depending on the temperature and humidity). The product reaches its final strength after at least 72hrs from final coat.

Application Applied by brush or roller

Recoating After at least 8 hours.

Thinning Thin at a percentage of 15-20% by volume with water for the first application (as primer) and at a percentage 10-15% by volume for the final applications.

ACCORDING TO 2004/42/EK

PHASEII, All in One/
Subcategory: i –
one-pack
performance
coatings, Max.
VOC content limit
value= 140gr/lit,
Max. VOC
content= 100gr/lit
(ready for use).



Storage

Storage indoors to avoid exposure to high or low surfaces and high humidity conditions. Avoid sources of heat, radiation, static electricity, and storage near food. Keep container tightly closed. After opening can use product in a short period of time. Close the can well.



Safety Instructions- Prevention of environmental harming

Minimize paint wastage by estimating how much paint you will need. Recover unused paint for reuse. Reuse of paint can effectively minimize the products life cycle environmental impact. Clean tools with water and soap. Do not put residual paint down the kitchen sink or toilet or into a waste bin. Empty cans with paint residues should be handled the same way and disposed according to local Regulations. You should ask for advice for the local government section responsible for the collection and disposal of waste. Ask for advice from an authorized body for waste recovery. Wear protective gloves and goggles/ Do not eat, drink when handling the product. Wash wand with suitable cleaning products. Keep out of reach of children. Always read the can label before use.
For further information ask for the Safety Data Sheet of the product.

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Recommended application systems



Interior/Exterior surfaces

- New/Old surfaces

Preparation

The surfaces should be dry and free of oil, grease, foreign and loose materials. On old surfaces clean the impurities with mechanical and chemical means (sandpaper, sander, special cleaners, etc.). In case of new metal surfaces, good chemical cleaning (solvents or special cleaners) should precede and after full drying, painting is possible. For painting very difficult substrates, such as aluminum, galvanized steel and glass, it would be preferable use ALL PURPOSE PRIMER by BERLING before the application of ALL IN ONE, for even better results.

The material after full hardening ensures high adhesion and great protection from humidity. However, when it is to be used on areas with high humidity content and intensely corrosive environments such as seaside areas it is advisable to first use a strong anticorrosive primer and then the application of 3 coats of the material.

Primer

Use the product itself, 1 coating thinned up to 10-15 % v/v with water.

ALL IN ONE

1 COAT

Final coating

Use the product itself, 1 - 2 coatings thinned up to 15-20% v/v with water.

ALL IN ONE

1-2 COATS

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