

# HYDROPRIMER



## Universal primer with high adhesion for interiors

### USE

Product for interior applications, ideal as a water-based primer and intermediate coat, quick drying, for galvanized sheet metal, aluminum, hard PVC and wood. Can be overpainted with all Herbol water-based enamels.

### PROPERTY

- Membership Promoter.
- Quick drying.
- Easily sandable.

### CHARACTERISTICS

**Composition:** based on synthetic resins in aqueous emulsion, finely ground selected pigments and fillers.

**Density:** approx. 1.40 kg/l

**EU limit value for VOC content:** Cat. A/d: 130 g/l 2010. This product contains a maximum of 100 g/l VOC

**Colors:** white and colors available on colorimetric machine.

**Packaging:** White: 0.75 and 2.5 l; Bases: 2.5 l

**Conservation:** Store the product in its original packaging, tightly closed and in a dry, cool place, away from frost.

### INSTALLATION

**Application:** by brush, roller and spray.

Airless spray (pressure: approx. 90 - 120 bar - nozzle: 0.011 inch - angle: 60°). High

pressure spray (pressure: 2.5 - 3.5 bar - nozzle: 2.2 mm).

Low pressure spray (pressure: 1.5 bar - nozzle: 2.9 mm).

**Dilution:** ready to use. For low pressure spray application dilute 15 - 20% with water by volume.

**Conditions of application:** Application and drying must take place in temperature conditions between +5°C and +30°C and with relative humidity lower than 85%

**Theoretical consumption:** about 100 ml/m<sup>2</sup> by hand.

**Practical yield:**

- Brush and roller: approx. 9 - 10 m<sup>2</sup>/l by hand.

- Spray: approx. 6 - 8 m<sup>2</sup>/l by hand.

Yield may vary depending on the roughness, porosity and absorption characteristics of the substrates and the application system adopted.

**Drying (at 23°C and 50% RH):**

- Dust free: after approximately 30 minutes.

- To the touch: after approximately 2 hours.

- Repaintable: after approximately 4 - 6 hours.

- Fully dried: after approximately 16 hours.

### APPLICATION SYSTEMS

The application system and preparation of the substrates must be evaluated and chosen based on the current state and the conditions to which the substrate itself will be exposed.

**Supports:** The supports must be healthy, clean and dry. Degrease the surfaces with suitable thinners or detergents to eliminate any traces of grease, wax or dirt.

Completely remove any loose parts such as calamine, rolling slag, old coats of enamel, ...

**New wooden supports:** sand the supports carefully to ensure optimal adhesion of the application cycle. Wash if necessary with a nitro thinner to eliminate natural greasy substances.

## HYDROPRIMER

- Apply a coat of Hydroprimer and let dry.
- Perform light sanding and apply a second coat of Hydroprimer.
- Finish by applying a water-based polish from the Herbol range.

**Aluminum supports:** degrease thoroughly with nitro thinner and sand with an abrasive sponge.

- Apply a coat of Hydroprimer and let dry.
- Perform light sanding and apply a second coat of Hydroprimer.
- Finish by applying a water-based polish from the Herbol range.

**Non-ferrous substrates (zinc, galvanized surfaces,...), PVC and hard plastics:** clean and degrease the surfaces with an abrasive sponge using a solution of 25% water and ammonia or a suitable detergent. Perform light sanding, wash and dry thoroughly.

- Apply a coat of Hydroprimer and let dry.
- Sand gently and apply a second coat of Hydroprimer.
- Finish by applying a water-based polish from the Herbol range.

### Recommendations:

- To achieve the best adhesion performance apply at least two coats of Hydroprimer to ensure a minimum dry film thickness of at least 80 microns.
- The application of Hydroprimer in conditions of high relative humidity and low temperatures can create adhesion problems. The phenomenon tends to improve after a longer drying time.
- Application on tropical woods is not recommended as tannins and other natural substances present in this type of wood may emerge. To avoid this problem, for interior applications, we recommend replacing Hydroprimer with a solvent-based primer such as Allgrund.

## SECURITY INFORMATION

For information on the correct disposal, storage and handling of the product, please consult the relevant Safety Data Sheet.

All technical information contained herein is indicative. For further information, please consult our Technical Assistance service.

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