LEVASSEUR
Your paint expert

PRIMER HYDRO HL

PRODUCT DESCRIPTION

Single-component primer, water-dilutable, thixotropic, suitable for machine rubbing down, very filling. For pigmented finishes with closed pores and good hold on vertical surfaces.
Free from N-methyl-2-pyrrolidone. HP 6645-9343 is classified as hardly flammable according to DIN 4102 B1.

AREA OF APPLICATION

For all interior fittings for the home, on a variety of wood species, melamine, and MDF, including MDF edges.
For furniture surfaces for all types of interior design; for stairs, doors, skirting boards, etc.

SURFACE PREPARATION

Clean and dry wood, free from oil, grease, wax, or silicones. Surface properly sanded and free of sanding dust. Sand the surface with grit between 120 and 400. After sufficient drying and proper rubbing down, a finish can be applied with most commercial paints. (Finish test required!) The quality and uniformity of the sanding of the wood, MDF, or film, as well as the quality of the rubbing down, are crucial for the quality of the finished surface, along with the quality of the MDF and film. Properly remove dust after sanding and rubbing down.

DRYING

Drying: 2 hours at 20°C
Stackable: dependent on the grammage, ambient temperature, temperature of the finish product, air humidity, application method, and substrate.
Minimum drying time: 16 hours at an ambient temperature of 20°C with sufficient air circulation.
Accelerated drying possible.

APPLICATION

Application	Nozzle in mm	Pressure in bar	Spray pressure in bar
Airmix	0.23 – 0.38	60 – 100	1.5 – 2.5
Pneumatic spraying	1.5 – 2.0	2.5 – 4	/

TECHNICAL DATA

Flow time: 28s / DIN 53211 – 6mm
Appearance: opaque
Type Décopaint: WB Décopaint Category I
Density (of the series) kg/l: 1.368
Flash point: > 60°C
Storage time (in weeks): 52 weeks
State: Liquid

S.A. LEVASSEUR NEWCO N.V.
Rue du Bourdon - 121 - Horzelstraat - B - 1180 BRUXELLES - BRUSSEL
Tel. 02/ 376 00 18 – Fax. 02/ 376 38 86 – info@g-levasseur.com – www.levasseur.be

Non-volatile content (of the series) %: 60.5
Dry extract: 61%
VOC: FR A+
Storage temperature: 10 - 30 °C // Application temperature: 20 °C
Number of layers (max): 3
Grammage per layer (max) 300 g/m² - Grammage per layer (min) 120 g/m² - Total grammage 600 g/m²

SPECIAL ADVICE

Tannin-rich woods, such as ash, which tend to discolor when applying HYDRO pastel lacquers, should generally be pre-treated with two-component primer layers. On exotic woods such as Macassar ebony or on pine with extremely resinous knots, apply a first coat of isolating PU primer.

GENERAL INFORMATION

When applying HYDRO products, the machine parts in contact with the product must be made of stainless steel. The moisture content of the wood must be between 8% and 12%. Do not apply or allow HYDRO products to dry if the product temperature and ambient temperature are below 18°C. The ideal air humidity for application is between 55% and 65%. Too low ambient humidity during application can lead to surface issues (e.g., shrinkage cracks), and too high a moisture content will delay drying, sometimes significantly! To avoid adhesion problems, sand the applied surfaces immediately before applying the next layer and finish the sanded surfaces promptly. When applying to films, etc., please check adhesion by performing a test finish on the substrate you intend to use! The optimal curing of finished and evaporated surfaces is achieved at temperatures above 20°C and up to a maximum of 40°C. Sufficient air circulation without drafts must be ensured. The final hardness of the finish is reached after one week, provided it is stored correctly (at a minimum ambient temperature of 20°C).
Woods with a high wax content, such as teak, negatively affect adhesion. Natural substances in wood soluble in water, such as those in ash or tannic acid in oak wood, can cause color changes and discoloration of the finish. We recommend performing a test finish to assess the effect on color, adhesion, and drying process under real-use conditions. On MDF substrates, you can avoid paint defects and edge cracks by paying attention to the following points: select an MDF quality suitable for the application field, refer to the manufacturer's instructions regarding the EN 317 control method of the EU standard EN 622-5, point 4 (requirements for thickness swelling), the ideal moisture content of the panel should be between 5% and 7%, preferably prime all faces of the MDF, the back faces should at least be counterbalanced with a colorless product, avoid sharp edges and cuts, and round them off if possible.

Cover edges and cuts with two layers of filling product, do not "drill", and if necessary, apply a new primer layer. Thick panels made by gluing multiple thin panels are particularly prone to cracking due to tension differences. It is therefore better to directly choose an MDF board with the correct thickness.
In any case, it is necessary to sand and treat the edges of glued panels with a colorless isolator. The water introduced by the glue must evaporate completely before finishing. Store the pieces by manufactured batch and quickly apply the final layer.

Our product information and technical recommendations serve as assistance to professional workers. We always advise starting with a test application during implementation.