

# Technical information

## Hesse HYDRO Metal primer HS 6242

### Product description

HYDRO Metal Primer HS 6242 is a gray, One component primer to improve the bond on metallic substrates in combination with Hesse water and solvent based color lacquers.

### Areas of application

Adhesion primer for metal. Also suitable in combination with Hesse Colour lacquers for application on interior fittings in high demand areas.

### Area of application

- Internal fit-out
- Furniture
- Special applications

### Substrate material

- Non-ferrous metal
- other metals
- Steel/iron
- Light metal/aluminium
- Zinc/galvanized

### Surface Preparation

#### Surface preparation

Carefully degrease the Surface to be coated with Hydro Rewetting Agent HV 6904 before application and sand to a fine finish.

### Application

Application		Spray nozzle size	Spray pressure	Atomizing pressure
Airless		0,23 - 0,38 mm	100 - 120 bar	
Airmix		0,23 - 0,38 mm		1,5 - 2,5 bar
Compressed air spraying		1,5 - 2 mm	2,5 - 4 bar	

### Finishing

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After sufficient drying with the color tones COOL-COLOR HB 6528x(gloss level)-(colour tone), PERFECT-COLOR HDB 5434x(gloss level)-(colour tone) as well as FANTASTIC-COLOR DB 4888x(gloss level)-(colour tone), UNA-THIX-COLOR DB 4520x(gloss level)-(colour tone) and UNA-COLOR DB 4524x(gloss level)-(colour tone).

### Particular instructions

Our one-component HYDRO Metal adhesion primer HS 6242 needs to be top coated without sanding/polishing within 24 h! Please test the bond of the complete coating!








**The product has not been developed for corrosion protection, but exclusively as an adhesion promoter on metal surfaces that have been completely removed of rust and degreased. Rust deposits or flash rust on steel or sheet steel that have not been completely removed can lead to staining in the paint coating when the finish is applied with COOL-COLOR HB 6528x (gloss level) (colour tone) or PERFECT-COLOR HDB 5434x (gloss level) (colour tone).**

For more information on Order information, please visit our website, contact our account managers and field service representatives, or contact your specialist dealers.


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### Technical data

Flow time (+/- 15%)		38 s / DIN4
Proportion of renewable raw materi-		0 %
Non-volatile proportion		37.7 %
VOC FR		C
conditions of transport		10 - 30 °C
Shelf life in weeks		26
Storage temperature		10 - 30 °C
Working Temperature Range		18 - 22 °C

### Particular properties / testing standards

Sign	Product standard / basis
	RAL UZ 12a (Blue Angel) - requirements fulfilled (manufacturer's declaration on request at the following e-mail address: ps@hesse-lignal.de)

### Sample process

Substrate preparation: degrease using HYDRO Reversing agent HV 6904

Basecoat: 1 x 60 - 80 g/m<sup>2</sup> HS 6242

Intermediate drying: at least 6 h / 20 °C room temperature with sufficient air circulation. Coat on the same day using COOL-COLOR HB 6528x(gloss level)-(colour tone) or PERFECT-COLOR HDB 5434x(gloss level)-(colour tone) or FANTASTIC-COLOR DB 4888x(gloss level)-(colour tone) or UNA-THIX-COLOR DB 4520x(gloss level)-(colour tone) or UNA-COLOR DB 4524x(gloss level)-(colour tone).

Stackable: after drying > 16 h / 20 °C room temperature with sufficient air circulation.

Packable: after drying for at least 48 h / 20 °C room temperature with sufficient air circulation.

### Ordering information

Order number	Colour tone	Gloss level 60° (Gloss +/-5)	Gloss level
HS 6242			

### Accessories

	Order number	Product description
Equipment cleaner	Water	
	HV 6904	HYDRO Reversing agent
	HV 6917	HYDRO Cleaning agent

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Our technical information is continually adapted to keep up to date with the latest technology and statutory regulations. The indicated values are no specification, but typical product data. The latest version is always available online at [www.hesse-lignal.de](http://www.hesse-lignal.de) or talk to your local account manager. This information is for advice and is based on the best knowledge available and careful research in line with the current state of the art. This information cannot be held as legally binding. We also refer you to our terms and conditions of business. Material safety data sheet is provided in accordance with EC regulation no. 1907/2006.

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