



Technical data sheet

PROTECTION MADE EASY

Durozinc HS Allprimer

Description and destination of the product

Durozinc HS Allprimer is a quick drying primer with good adhesion and anticorrosion properties and has a good weather resistance, also after ageing.

Durozinc HS Allprimer adheres directly on iron, galvanised steel, metals, aluminium, hard PVC, several plastics, and OSB plates. All **Durozinc HS Allprimer** primers are free of lead or chrome

Type of binder

Vinyl copolymers with special plasticizers

Type of pigment

Zinc phosphate, zinc oxides, colour pigments and inert fillers.

Colour

White, black, red and middle grey and numerous colours from a base A and C using the colour mixing machine.

Gloss

Mat.

Technical data

- **Density:** 1.40 (\pm 0.05) g/cm³
 - **Solids content:** 44 (\pm 2) % in volume
66 (\pm 2) % in weight
 - **Drying times:**
 - dustdry : \pm 15 minutes
 - tackfree : 1 to 2 hours
 - dry : 12 hours
 - recoatable : 12 to 24 hours, depending on the type and method of application
 - **VOC:** < 500 g/L
 - **Theoretical yield:** \pm 11 m²/L – 40 micron
- The practical yield can largely be influenced by the roughness and porosity of the substrate, the applied layer thickness or the losses by airless application.

Surface preparation

The surface must be completely free of grease, oil and other contaminations. The surface must be dry. Rust must be removed mechanically or by blasting and dusting.

On galvanised surfaces all soluble salts should be removed with water and a hard nylon brush. After drying, remove dust.

Aluminium can be degreased with water and ammonia.

After cleaning the galvanised parts and aluminium surfaces must always be thoroughly roughened up with Scotch-Brite in order to obtain a good adhesion

Use

Ready for use for brush or roller application.

Spraying application:

	% Dilution	Thinner	Pressure (bar)	Nozzle
Pneumatic gun	10-20%	Thinner 16	3-4 bar	1.0-1.8 mm
Airless gun	0-10%	Thinner 16	50-150 bar	0.015-0.021 inch

The material can be cleaned with **Thinner 16**

Remark: when **Durozinc HS Allprimer** is diluted for spraying application, this must always be done in an approved installation (with active carbon filter or other services which prevent the emission of solvents).

Durozinc HS Allprimer can be finished with a paint system with solvent, based on water or white-spirit (aromatic poor or not).

Durozinc HS Allprimer can also be overcoated with itself. The colours are compatible among themselves.

Application conditions

Durozinc HS Allprimer should not be applied at temperatures lower than 5°C and air humidity above 85 %. The temperature of the metal surface should be at least 3°C higher than dew point.

Storage stability

Minimum 2 years in the original, unopened packing, stored at temperatures between -40°C and +50°C.

Safety measure

For detailed information about safety measures, personal protection and transport data of this product, we refer to the safety data sheet.

The last update of our technical data sheets is always available at our website: www.libertpaints.com

Disclaimer

The information given in this technical data sheet is only a general product description, based on our experiences and tests and therefore does not represent a specific practical case. Consequently Libert Paints doesn't guarantee the functionality or result and takes no responsibility in this respect.

We advise our clients to test the applicability of the product to the nature and the state of the surfaces and to carry out the necessary representative tests in case of doubt. Please contact our R&D department as the occasion arises.

Attention: our clients should verify whether the present technical data sheet hasn't been replaced by a more recent version.