

DURLIN GLOSS PAINT KH 90

- > corresponds to VOC 2010
- > high coverage
- > good flow



Product description

High-gloss synthetic resin paint, free of aromatic substances, easy to work with, gloss-stable, light-resistant, shock and impact resistant, very good flow, excellent opacity, fast drying, long durability, good weather resistance. For decorative indoor and outdoor painting of metal and wood, for example on windows, doors, furniture, railings, gates, etc. Colour tones are suitable as radiator paint for heated water systems up to 90°C. Thinning with KH thinner TE 300.

Delivery format:

Container	Outer packaging	Pallet
0,25 KG / BDO	6	1.080
0,75 KG / BDO	6	504
2,5 KG / BDO	4	128

Storage:

Can be stored frost-free, cool and dry on wooden shelves in unopened original container: 730 days

Processing

Recommended tools:

Roller, brush, airless sprayer.

Clean tools after use with cellulose thinner (e.g. cellulose thinner Oxylin AF 200).

Processing:

Processing takes place by painting, rolling or spraying. Normally 1-2 work steps are required. For airless spraying dilute with approx. 12%, when spraying with high or low pressure with approx. 15% Durlin synthetic resin SV 100 spray thinner.

Technical data

Dilution

Chemical base

Density

ready-to-use, use DURLIN synthetic resin Thinner TE 300, if required
alkyd resin

approx. 1.15 - 1.45 g/cm³, depending on colour

53320, DURLIN GLOSS KH 90, valid from: 02.06.2021, Magdalena Riegler, Page 1

Colour and Coating System

Gloss level	high gloss
Consumption	approx. 100 - 150 ml/m ² per coat
Drying time	can be painted over after approx. 24 hrs., dried through after approx. 72 hrs., full resilient after approx. 7 days

Substrate

Suitable substrates:

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and "generally accepted rules of the trade".

Rust and loose paint residues on metallic substrates are properly removed before application.

Loose paint residues on wooden substrates are removed mechanically. Greyed and weathered wooden surfaces are pre-treated down to the weight-bearing wooden substrate.

For a perfect system

System products:

Durlin Rust Protection Primer Alupren LV 10, Durlin Quick Primer LV 20, Durlin Allgrund LV 30, Durlin Synthetic resin Basic Colour LV 40

Description:

Durlin Rust Protection Primer Alupren LV10 as rust protection primer.

Durlin Quick Primer LV20 as quick drying rust protection primer.

Durlin Allgrund LV30 as quick drying universal primer with rust protection pigments for iron, steel, galvanised surfaces, aluminium, copper, hard PVC and wood.

Durlin Synthetic resin Basic Colour LV40 as universal primer for wood and metal.

Product and processing instructions

Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order to maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Carefully open the container, remove possible dry parts and shake the product well!
- Water-based systems have only a limited shelf life after dilution with water, which is why quick processing is recommended.
- We basically recommend carrying out an intermediate sanding between the individual applications.

Environmental information:

- The ideal temperature range for the material, substrate and air is + 15 °C to + 25 °C.
- The ideal relative humidity range is 40% to 60%.
- Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temperatures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!
- Do not process at temperatures below 5 °C.

53320, DURLIN GLOSS KH 90, valid from: 02.06.2021, Magdalena Riegler, Page 2

Colour and Coating System

Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- Keep a genuine original container of the respective batch for later repair work.
- In principle, use colourless, transparent paints in UV-protected areas only.
- Observe the odours caused by solvent-based systems.
- Check material compatibility with substrates containing plasticisers.
- Watch out for dark yellowing of alkyd-based systems.
- For dimensionally stable components, observe the block resistance of the coating.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

Limiting and monitoring exposure

Personal protective equipment:

General protection and hygiene measures:

- Common safety measures for handling chemicals are to be observed.
- Keep away from foodstuffs, beverages and feedstuffs.
- Take off contaminated, impregnated clothing immediately.
- Wash your hands before taking breaks and when finishing work.
- Do not inhale gases/vapours/aerosols.

Breathing protection:

- Use a breathing filter device for short term or minor exposure; for more intensive or longer exposure, use a self-contained breathing apparatus.

Hand protection: protective gloves.

Glove material

- The selection of a suitable glove depends not only on the material, but also on other quality properties, which may vary from manufacturer to manufacturer.

- Nitrile rubber

Penetration time of the glove material

- The precise penetration time is to be found out from the protective glove manufacturer and complied with.

Eye protection: Protective goggles recommended when decanting.

Body protection: protective clothing.

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Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt. This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.