

DURLIN RADIATOR PAINT HKL 90

- > corresponds to VOC 2010!
- > good edge coverage
- > impact-resistant



Product description

Yellowing-free, excellent coverage as well as good edge coverage. The radiators can be switched on immediately after drying of the coating. Very good adhesion, elasticity and impact strength. Yellowing-proof high coverage white paint for painting hot water and steam heaters up to +120 °C. The radiator paint yields an enamel-like high gloss coating. To retain the best yellowing resistance, it is recommended to heat radiators and pipes after brief drying.

Delivery format:

Container	Outer packaging	Pallet
0,75 L / BDO	6	504
2,5 L / BDO	4	144

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 (nozzle 1.5 - 2.0 mm, pressure 3.5 - 4.5 bar), airless spraying (nozzle 0.279 ", material pressure 160 - 180 bar).

Shake well before use. Possibly adjust consistency with DURLIN Synthetic Resin Thinner TE 300. Work undiluted when painting, when rolling dilute up to 3%. Observe min. temperature of +5 °C for substrate and air, during processing and drying.

Technical data

Dilution
Density
Colour

ready-to-use, use DURLIN Synthetic Resin Thinner TE 300, if required
approx. 1.3 g/cm³
white

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Colour and Coating System

Consumption	approx. 100 ml/m ² per coat
Drying time	dust-dry after approx. 2 hrs., dry to touch after approx. 6 hrs., can be painted over after approx. 24 hrs., can be ground after approx. 48 hrs. At cooler temperatures, observe correspondingly longer drying times.
Spray viscosity	25 - 30 s/DIN 4 mm, nozzle 1.5 - 2.0 mm

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 Quick Primer LV 20, Durlin Allgrund LV 30

Description:

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.

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.

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.

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Colour and Coating System

- 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.
- Avoid contact with the eyes and skin.

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

- Nitrile rubber

- 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.

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: tightly sealed protective goggles.

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.