

## DURLIN KH BASIC COLOUR LV 40

- > corresponds to VOC 2010!
- > easy processing
- > good coverage



### Product description

High coverage, easy to apply primer based on synthetic resin. Temperature resistant up to 100 °C with good flow.

For indoors and outdoors, universal primer for painting and spraying (incl. airless) for wood and metal, also for radiators. The ideal synthetic resin primer for subsequent synthetic resin top coats.

#### Delivery format:

Container	Outer packaging	Pallet
1 KG / BDO	6	504
6 KG / BDO		136

#### Storage:

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for: 365 days

### Processing

#### Recommended tools:

Roller, brush, airless sprayer.

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

#### Processing:

Shake well before use. Apply 1x DURLIN KH Basic Colour LV 40 as primer and sand lightly.

### Technical data

Dilution	DURLIN Synthetic Resin Thinner TE 300 or Synthetic Resin Spray Thinner
Chemical base	Alkyd resin
Colour	white
Flashpoint	41°C
Viscosity	2000 - 3000 cp Brookfield 20°C
Gloss level	matt
Consumption	approx. 150 - 200 g/m <sup>2</sup> per coat
Drying time	(at 20 °C) dust-free after 2 hrs, recoatable after approx. 24 hrs
Spec. weight	1.50 g/cm <sup>3</sup>

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## 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.

## Product and processing instructions

### Material information:

- When working outside the ideal temperature and/or humidity range, the material properties may change significantly.
- Temper materials accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within a batch.
- The environmental conditions significantly impact colour formation.
- Carefully open the container 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 recommend an intermediate sanding be carried out between the individual applications.

### Environmental notices:

- Do not process at temperatures below +5°C!
- The ideal temperature range for material, substrate, and air is +15°C to +25°C.
- The ideal air humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay and lower air humidity and/or higher temperatures accelerate drying, setting, and hardening.
- Ensure sufficient ventilation during the drying, reaction, and hardening phase; avoid draughts!
- Protect from direct sunlight, wind, and weather!
- Protect adjacent components!

### Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Observe product data sheets of all MUREXIN products used in the system.
- 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 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:

- Observe the usual precautionary measures when dealing with chemicals.
- Keep away from foodstuffs, beverages, and feedstuffs.
- Take dirty, soaked clothing off immediately.
- Wash your hands before breaks and after finishing work.

#### Breathing protection

- Breathing protection if ventilation is not sufficient.

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## Colour and Coating System

Hand protection: protective gloves.

Glove material

- Use gloves made from a stable material (e.g., nitrile).

- 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: Protective goggles recommended when decanting.

Body protection: occupational 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](http://www.murexin.com).