

Colour technology

EMULPLAST POLAR WHITE KA 2500



- > ELF - low emission and solvent-free
- > contains kaolin
- > high coverage pro quality
- > solvent-free

Product description

Highly opaque emulsion paint for all room types. High quality coating for walls and ceilings of all kinds. Low emission and solvent-free! Contains kaolinite. Professional quality. Tested according to EN 13300: Wet abrasion: Class 3.

Delivery format

Container	Outer packaging	Pallet
25 KG / KE	-	24 KE

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.
Wash the tools with clean water after use.

Processing

Murexin Emulplast Polar White KA 2500 can be applied by painting, rolling or spraying (also airless). Usually 1-2 applications are required. Depending on the absorbency of the substrate, the primer can be diluted with 10 - 20% water. The topcoat is to be diluted with max. 5% water. For airless processing, we recommend using a 0.021" nozzle and 150 bar feed pressure.

Technical data

Chemical base	Synthetic resin dispersion
Density	1,6 kg/l
Colour	white; can be tinted with spot, base and tinting colours
Consumption	approx. 150 - 200 ml/m ² per coat
Dilution	Water; first coat max. 20%, dilute topcoat max. 5%
Drying time	after approx. 4 - 6 hrs. surface dry and paintable

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Wet abrasion class	Class 3
Coverage	Class 2, at approx. 7.6 m ² /l coverage
Gloss level	matt
Whiteness	70 (as per Berger)
Granulation	fine

Test certificates

Tested in accordance with (standard, classification ...)

ÖNORMEN EN 13300

Substrate

Suitable substrates

Lime cement and cement plasters P Ic; P II; P III
Lime cement and cement plasters P II & P III
Gypsum and ready-mix plasters P IV & PV
Plasterboards and gypsum plasterboards
Concrete, aerated concrete
Exposed masonry
Weight-bearing old coats

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".

For a perfect system

Description

Murexin Deep Primer LF 14 for priming absorbent and sandy mineral substrates such as concrete, gypsum, lime cement and cement plasters, gypsum and lime fillers, gypsum plasterboards.
Murexin Special Insulating Primer SP 13 for isolating patches and discolourations on absorbent substrates.

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.
- Always work wet-in-wet to prevent deposits.
- The final wash or abrasion resistance is reached after approx. 28 days.

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!

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- 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.
- When using intensive, brilliant and dark colours, we recommend using the colour qualities of wet abrasion class ≤ 2 in at least "satin finish" (gloss level $>15/60^\circ$ MW) and first equalising the substrate in "white".
- In case of side lighting, we recommend using colour qualities of wet abrasion class ≤ 2 in "dull matt" (gloss level $<5/85^\circ$ MW).

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.

Breathing protection: Only when spraying without sufficient extraction.

Hand protection: Protective gloves or skin protection cream.

Glove material

- Use gloves made from stable materials (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: 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.