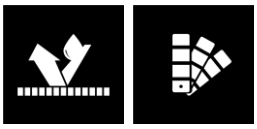
EURO HOUSEPAINT RA 100



> corresponds to EN 1504-2
> resistant to heavy rain
> Sd value carbon dioxide > 50 m
> for virtually all substrates

Product description

High-efficiency, universally applicable pure acrylate paint. Permeable to water vapour but water-tight, highly elastic, non-chalking, alkali-resistant, film-preserved. Excellent adhesion to mineral substrates such as concrete, masonry, plaster, fibre cement, old elastic systems, wood, non-ferrous metals, rigid PVC, etc. in outdoor areas. Proven CO2 barrier for concrete repair in accordance with EN 1504-2.

Delivery format

Container	Outer packaging	Pallet
12.5 L / KE	-	24 KE
2.5 L / KE	-	84 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 Euro Housepaint RA 100 can be applied by painting, rolling or spraying (also airless). Murexin Euro Housepaint is set to be painted or rolled. For high pressure sprayers add approx. 20% water, for airless spraying approx. 5% water. Usually 1-2 applications are required. For airless spraying, we recommend the following configuration: nozzle 0.026 - 0031" = 0.66 - 0.79 mm, material pressure 160 - 180 bar, spray angle 40 - 80°.

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Technical data

Density	approx. 1.3 kg/l
sD value	< 5 m for medium layer thicknesses (approx. 0.03 m)
Colour	Base white, colourless. Can be coloured with full-tone, base and shaded colours using the Murexin mixing system.
Consumption	per coat on fine plaster grain from approx. 100 - 150 g/m², on coarse plaster grain from approx. 150 - 250 g/m², The exact consumption depends on the substrate and processing.
Dilution	Water; first coat max. 10%; dilute topcoat max. 5%
Drying time	after approx. 6 - 8 hrs. surface dry and paintable after approx. 24 hrs. rainproof, fully resilient after approx. 3 days at 20 °C/55% rel. humidity. Final resistance after approx. 28 days.
Gloss level	matt
CO2 permeability	sd > 50 m (approx. 180 m)
Freeze-thaw load (XF4) Tear strength after temperature changes	on average 5 MPa (all individual values > 0.5 MPa)
Penetration of chloride ions after temperature change in 5-10 mm concrete depth	< 0.2 % of binding agent weight
Water vapour permeability	Class 1
Capillary water absorption	< 0.1 kg/m² x h0.5

Test certificates

Tested in accordance with (standard, classification ...)
EN 1504-2

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".

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For a perfect system

Description

Murexin Deep Primer LF 14 for priming sandy and absorbent mineral 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!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.
- The colour formation is significantly impacted by the environmental conditions.
- 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:
- Do not process at temperatures below +5 °C!
- 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 temper
atures 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!

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° 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° 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.
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: safety goggles.
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.

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