PLASTER BASE ENERGY PRIMER

> ready for processing
> suction compensating
> adhesion enhancing

Product description

Ready-to-use primer. Organic binding agent, silicone additives, mineral filler, additives, water-bonding medium and suction compensation enable even colouring of the final coating, additional water repellency of the substrate. Universal primer for both outdoor and indoor use.

Delivery format:

Container	Outer packaging	Pallet
25 KG / KE		24
5 KG / KE		48

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

Processing

Processing:
Layering: 1x ENERGY Primer.
The substrate must be set and dry. Thoroughly mix MUREXIN ENERGY Primer with a slow running agitator. The processing consistency can be adjusted, if required, by adding less water. Apply ENERGY primer completely and evenly via sheepskin roller or brush. At warmer temperatures, it is recommended to prime a second time. For double priming (e.g. different absorption behaviour of the substrate), a drying time of min. 24 hours must be kept between each work step.
Do not mix with other paints.
Work evenly and without interruption.

The air, material and substrate temperature must be no less than +5 °C during processing and the setting process. Protect facade from direct sunlight, rain and strong wind (e.g. via scaffolding protection net). High humidity and low temperatures can significantly increase the drying time and unevenly alter the colouring. A pot life of min. 24 hours is to be kept before each further coating.

Final coating:
MUREXIN ENERGY BRILLIANT
MUREXIN ENERGY CRYSTAL
MUREXIN ENERGY FURIOSO
MUREXIN ENERGY CREATIVE

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Technical data

Density	approx. 1.65 kg/dm³
Colour	white
Grain size	0.5 mm
Consumption	approx. 0.20 - 0.25 kg/m² on filling, approx. 0.40 kg/m² on plaster base with a single coat, Quality assurance: In-house monitoring by our own factory laboratory. Third party monitoring of ongoing production control by a notified body.
Solid content	approx. 70 %

Test certificates

Tested in accordance with (standard, classification ...)
ETAG 004

Substrate

Suitable substrates:
Mineral substrates
Concrete, aerated concrete
Lime cement and cement plasters P II & P III
Weight-bearing coatings
Thermal insulation systems
Lime/gypsum plasters
Plasterboards and gypsum plasterboards (pre-treatment required)

The substrate must be dry, frost-free, solid, weightbearing, 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".

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 colouring is significantly influenced by the environmental conditions.
- Before each further coating, a pot life of min. 24 hours (depending on temperature and humidity) is to be observed, where it is especially important that the coating forms a uniform, dry layer without wet patches (dark spots on the facade).
- Facade insulation panels which have been exposed to UV radiation for more than 2 weeks (yellowed panels) may not be smoothed; you must first grind and dedust again.

Environmental information:
- Do not process at temperatures below + 5 °C!
- The air, material and substrate temperature must be +5 °C during processing and the setting process.
- The ideal temperature range for material, substrate and air is 15 °C to 25 °C.

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- The ideal relative air humidity range is between 40% to 60% Increased humidity and/or lower temperatures delay, 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, rain or strong wind (via scaffolding protection net).- Protect adjacent components!

Tips:
- We recommend using a test surface first or a small area for initial, small-scale testing.
- Observe the product data sheets of all MUREXIN products used in the system.
- Keep a genuine original container of the respective batch for later repair work.

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:
- Keep away from foodstuffs, beverages and feedstuffs.
- Immediately take off dirty, soaked clothing.
- Wash hands before breaks and when finishing work.

Breathing protection: not required.
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.

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: work protection clothing.

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.
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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