BetonProtect E 100
Form Release Agent

> Mineral oil-free
> Ready-to-use
> Solvent-free

Product description

Mineral oil-free, solvent-free, ready-to-use release agent. Indoors and outdoors as separating agent for all types of formwork, especially well suited to the production of exposed concrete surfaces from in-situ concrete. To protect bladed tools, loading areas, crawler track units, fittings etc. of construction equipment, trucks or other construction vehicles from mortar and concrete accretions.
Note: the separating agent may not be applied to painted chassis parts.

Delivery format

Container	Outer packaging	Pallet
200 L / KFA	-	2 KFA
25 L / KKA	-	24 KKA

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

Processing

Recommended tools
Paint brush, brush, cloth, sprayer.
Processing
The formwork release agent is ready-to-use and therefore may not be diluted with water, petrol or solvents. The release agent is applied to the formwork surfaces via a suitable tool. Puddle formation must be prevented, especially for structured formworks. Concreting work can be started right after application.
Brief periods of rain do not impair the effect.

Murexin GmbH: A-2700 Wiener Neustadt, Franz von Furtenbach Straße 1
Tel.: +43(0)2622 / 27 401 - 0, Fax: +43(0)2622 / 27 401 DW 187
E-Mail: info@murexin.com, www.murexin.com

Technical data

Density	approx. 0.9 - 1.0 g/cm³
Consumption	1 litre is sufficient for approx. 80 to 100 m² formwork surface
Processing temperature	+5 °C to +40 °C

Substrate

Suitable substrates

The substrate meets the requirements of the OVBB Guideline – Conservation and Rehabilitation of Concrete
and Reinforced Concrete Structures. Furthermore, the substrate must be load-bearing and free of similar and
dissimilar substances as well as substances that have a separating effect, corrosive media, such as chlorides,
and must be pre-wetted for at least 12 hours before restoration until capillary saturation. Adhesive tensile
strength at least 1.5 N/mm². Compressive strength at least 25 N/mm².
Suitable on standard, smooth, non-absorbent formwork made from plastic or sealed/smooth 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!
- 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.

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 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!

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.

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.

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Safety instructions

Please refer to safety data sheet for product-specific information with regard to composition, handling, cleaning, corresponding actions and disposal.

Limiting and monitoring exposure
Personal protective equipment:
General protection and hygiene measures:
- 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: not required.
Hand protection: protective gloves.
Glove material
- Use gloves made from stable materials (e.g. nitrile).

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.

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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