Concrete parting compound

TECHNICAL INFORMATION

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Recommendations GSV

Recommendations from the GSV (Concrete Formwork Quality Protection Association) guidelines on the use of concrete parting compounds:

Before using for the first time and before every additional concreting operation, treat at least those components in contact with the concrete with an appropriate concrete parting compound.
The dosage and the occupational safety requirements must adhere to the information provided and be in compliance with the rules for occupational safety and environmental protection.

The right dosage is one of the problems in using parting compounds. In this respect, an agent's viscosity gives an indication of the properties important for application and post-treatment.

The proper and correct dosage of parting compound depends not only on the expertise of the personnel but also on the quality of the sprayer used. To achieve the required results from spraying, high-pressure sprayers (5-6 bar pressure, oil-resistant tubes) and nozzles suitable for the parting compound are recommended.

Source: Güteschutzverband Betonschalungen e.V (Concrete Formwork Quality Protection Association) Guideline "Handhabungs- und Pflegehinweise für Schalungssysteme" (Handling and Maintenance Instructions for Formwork Systems), page 4

Product description, technical data (MOVA-bio)

Area of application
MOVA-bio is a reactive, chemically/physically acting parting compound based on renewable raw materials. The low viscosity makes it easy to work with and economical to use. MOVA-bio is universally applicable and has proven to be particularly effective in applications in which excellent, pore-free surfaces are required. Due to its special formulation, the product is perfectly suited for both immediate and late dismantling for all types of formwork.

Effect
The special composition ensures easy demoulding, keeps the formwork clean and also provides reliable protection against corrosion. MOVA-bio enables the production of a very wide range of components in situ concrete construction and prefabricated construction. When applied correctly, the adhesion of subsequent coatings (e.g. plastering, paint) is not affected. Foam materials such as polystyrene, Neopor and similar materials are not affected when using usual production method.

Processing
MOVA-bio is ready for use and is applied in an even, undiluted form on the pre-cleaned dry formwork using a high-compression sprayer or spray bridge. Excessive parting compound should be avoided and must be removed in order to avoid surface defects such as pores and stains! Prolonged contact with galvanised metallic parts must be avoided, as this may lead to reactions with certain ingredients. MOVA-bio must not be mixed with other parting compounds as this may lead to uncontrolled results.

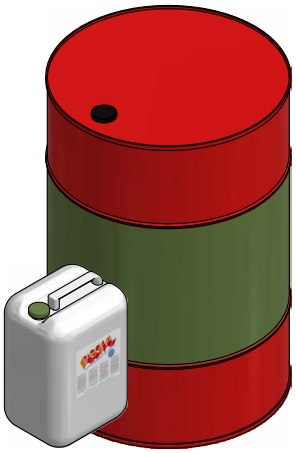
Storage conditions
When in its unopened original packaging, MOVA-bio can be stored for a minimum of 18 months, and it should be stored such that it is protected against frost and direct sunlight. The statutory regulations on the storage, bottling and handling of water-polluting substances must be observed.

Occupational safety/environmental protection
MOVA-bio is rapidly biodegradable as per Guideline OECD 301. When used correctly, there are no known disadvantages. The general regulations for occupational safety and hygiene must be complied with when handling the product. Wear suitable protective clothing and protective gloves when working. If necessary, remove any contaminated clothing and rinse contaminated skin with water. Dispose of any remaining product correctly and do not allow it to get into the environment in an uncontrolled manner. Observe the material safety data sheet!

See page 7 for additional information on use.

Product data	
Raw material base	Specially additive-enhanced, renewable raw materials
Colour and delivery form	Clear yellow liquid
Density (at 20°C):	0.89 +/- 0.02 g/cm³
Processing temperature	Minimum 0°C (preferably at 20°C +/- 5°C)

Parts list

	Article no.	Item Description	Weight [kg]
	189.003.0113	PASCHAL parting compound MOVA-bio (barrel with tap 200 l)	0,89 kg / l
	189.003.0103	PASCHAL parting compound MOVA-bio (can 20 l)	0,89 kg / l
	189.003.0011	PASCHAL parting compound P 300 (barrel with tap 200 l)	0,83 kg / l
	189.003.0013	PASCHAL parting compound P 300 (can 30 Liter)	0,83 kg / l
	189.003.0009	Parting compound pistol 5 l	4,30 kg
	189.003.0008	Parting compound pistol 10 l	5,75 kg

Consumption data

The given values apply when using a parting compound pistol with a flat spray nozzle with a pressure of 4 bar

1 litre of PASCHAL parting compound MOVA-bio is sufficient for:

approx. 125 m²
of formwork with steel facing

approx. 105 m²
of coated plywood

approx. 70 m²
of planed timber

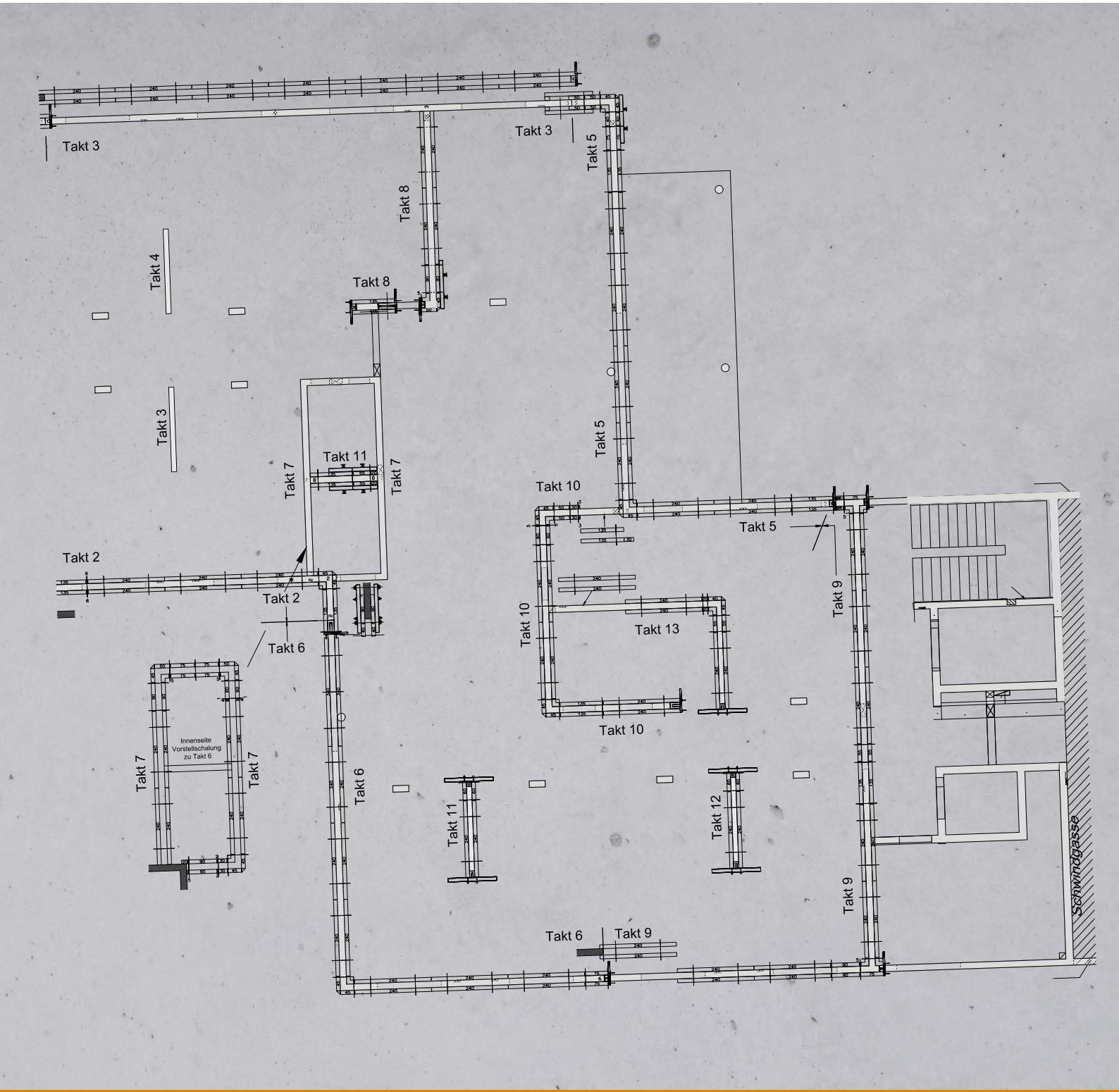
approx. 40 m²
rough-sawn timber

Application

Parting compound pistol

Can / barrel

- Apply parting compound thinly and evenly to the clean, dry formwork using a flat jet nozzle and finish with a rubber scraper.
- When using formwork for the first time, spray with parting compound on all sides.
- If the formwork is heavily soiled, clean the back-side using a water jet immediately after concreting.
- After dismantling the formwork, clean the plywood and the front parts of the formwork, then spray thinly with parting compound.
- Always test the agent before using it for special applications.
- PASCHAL parting compounds ensure formwork is easy to dismantle from the concrete.
- The parting compounds are supplied ready for use and are weatherproof for all absorbent and non-absorbent surfaces.
- Formwork can be cleanly dismantled from any concrete surface, not only fair-faced concrete, without leaving any defects.
- If the instructions for use are observed, plaster and coating adhesion will not be impaired.
- Parting compounds are also necessary in sensitive areas such as recesses, edges and indentations.
- Regular use of parting compounds prolongs the service life not only of the plywood but also the entire formwork by providing corrosion protection.
- Well-maintained formwork treated with parting compounds can be used for longer and ensures the required quality for concrete parts and surfaces.



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