



SIDDHI VINAYAK CONSTRUCTION CHEMICAL PVT. LTD.

De-Moulding AgentTM

MOULD CONDITIONER AGENT

सिद्धिविनायक का वादा..
मजबूती सबसे ज्यादा...



ISO 9001
2015
CERTIFIED

About

De-moulding is an oil-based component of low viscosity which is free from suspended matter or sediments. It forms a smooth, sliding film at the interface of concrete and mould and ensures quick, clean release of hardened concrete. It produces a uniform film with smooth finish and does not stain the concrete surface when demoulded.

Description

De-moulding agent is a concrete realizing agent it is a water base component of low viscosity which is free from suspended matter or sediments. Release agents are needed during concrete production to prevent concrete from sticking to the formwork and to ensure easy removal of formwork without surface damage. It also enhances the appearance of precast by minimizing the inconsistencies, such as blow/bug holes on the surface. It forms a smooth, sliding film at the interface of concrete and mould and ensures quick, clean release of hardened concrete. It produces a uniform film with smooth finish and does not stain the concrete surface when demoulded.

Advantages

- It has self mould cleaning property.
- Contains very low viscosity and is therefore considered environment friendly
- Costs less and very economical for use.
- Nontoxic, Non-hazardous and doesn't pose health risk to workers.
- Can be used for any type of concrete moulds.
- Gives non-staining resistance to concrete.
- Minimizes efforts of cleaning moulds before reusing it.
- Reduces the chances of imperfections on the surfaces of concrete.
- Water based release agent is generally non-flammable.
- Water based release agent is odorless during spraying.
- Cheaper and stable price due to free availability of water.

Applications:

- Rubber Moulds
- Plastic Moulds
- PVC mould
- Fiber mould
- GFRC mould



Using Process

The moulds should be dry and clean. Any residues of rust and concrete must be removed. De-moulding agent mould conditioner agent is applied in thin layers, covering the complete surface (a second application may be necessary in case of highly absorbent form work). Application by a brush, roller or cloth is also possible. Any excess should be wiped off using a cloth or sponge. Depending on the porosity and texture of the mould surface, typical coverage rates of 50 to 60 m² per liter (0.040 to 0.050 liters per m²) will be obtainable Any.

Limitations:

De-moulding agent shall not be added to dry cement or the concrete. It shall be applied to the mould only in consultation with SVCC technical department. Over application should be avoided. Excessive application on flat surfaces or which leads to pooling of release agent in the corners of forms is uneconomic and can lead to surface dusting or, in worst cases, surface retardation.

PACKAGING

Packing Size : -
2.5 Kgs, 50 Kgs
230 Kgs



Packing Material : -
HDPE Cane, HDPE Jar
HDPE Barrel



2.5 Kgs



50 Kgs



230 Kgs



Manufactured & Marketed by :

SIDDHI VINAYAK

CONSTRUCTION CHEMICAL PVT. LTD.

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