

Mould Oil

Concrete Mould Oil (BCA Category 2)

Description

ADAWALL MOULD OIL is high quality mould oil for general site and precast yard use that achieves a top quality concrete finish in most situations. Release is achieved by the oil forming a physical barrier between the formwork surface and the concrete. Surfactants help to eliminate blowholes and provide a clean uniform and non-stained surface.

Advantages

- Facilitates easy formwork release.
- Provides uniform stain-free concrete surfaces.
- Minimises incidence of surface air voids.
- Reduces form cleaning to a minimum.
- Highly resistant to removal by rain showers or foot traffic.
- High coverage rate provides economic usage.
- Suitable for use on all types of formwork in all climatic conditions.
- Easy application by spray, brush or swab.
- Suitable for use on sealed or unsealed timber formwork.
- Forms may be stripped early when other factors permit.
- Ideal for achieving release from multi-planed features e.g. trapezoidal ribs, cone shaped column heads etc.
- Suitable for use with white or standard OPC concrete finishes.
- Fully compatible with the subsequent application of silane or similar surface treatments when used as recommended.
- Low odour and Low Hazard.
- Colour free.

Application

After preparation of formwork and any necessary sealing with formwork tape, apply thinly, by spray, brush or swab prior to each concrete pour, and as near to time of placement of concrete as practical conditions permit. Timber and other porous forms which have not been treated with polyurethane varnish other suitable sealer should initially be treated with a double coat of ADAWALL MOULD OIL, the first applied heavily and allowed to stand for maximum absorption before the second is applied in normal manner. On vertical forms any excess material accumulating at the bottom of the form should be removed.

Coverage

A thin coating to give a coverage rate of 30 to 40m² per litre depending upon surface porosity. The BCA report "appearance matters" states that excessive application of release agents is detrimental to concrete surface finish. Care should therefore be taken to ensure that ADAWALL MOULD OIL is applied as recommended as this will achieve optimum performance and maximum economy.

Storage

The material is not affected by frost or ambient heat and the flash point is greater than 870 C. Low hazard product.

Shelf life

Practically unlimited in sealed containers.

Specification

ADAWALL MOULD OIL Concrete Mould Oil manufactured by Adomast Building Chemicals Limited shall be applied in accordance with the manufacturer's instructions.

Health and Safety

Prolonged physical contact should be avoided and personal and environmental hygiene encouraged in common with the use of all mould release agents. Where contact with skin occurs, the material should be removed with soap and water. If splashes affect eyes, they should be bathed immediately with copious quantities of clean water and if discomfort persists medical attention should be sought without delay. See separate Health and Safety sheet.