

TECHNICAL DATA SHEET

ADDAGE BONDCOTE 300 W

(Water dilutable shuttering Oil / mould release agent)

PRODUCT DESCRIPTION:

ADDAGE BONDCOTE 300 W is an blend of selected mineral oil and non hazardous chemicals, specially formulated to produce release properties which are superior to those of a conventional **ADDAGE BONDCOTE 300 W** is water dilatable material apply on site. The chemically reactive components in **ADDAGE BONDCOTE 300 W** provide a water repellent interface which protects formwork and ensures an even color and texture of the cast concrete. in addition to preventing adhesion of the cement matrix to the formwork, **ADDAGE BONDCOTE 300 W** will allow air to escape from the interface during concrete placing and vibration. This release of air minimizes surface blemishes and results in a substantial reduction in remedial costs.

PROPERTIES

To provide quick, clean.
Easy stripping of moulds and formwork.
Ensure high quality fair-faced and stain-free concrete.
Extends life of the shuttering.

APPLICATION

It is designed for use with steel, mild steel, iron, aluminum shuttering, ply shutters and other resinous formwork coating.

TECHNICAL SPECIFICATION

Color	Yellow to dark Brown Color liquid.
Dilution	1 Liter of ADDAGE BONDCOTE 300 W to be mixed With 4 liter of water.
Method of dilution	Take a quantity of oil in a container & add same quantity of water in it. Stir it vigorously to form a paste. Then add recommended water to form off white color emulsion.

ADVANTAGES

Low cost and easy to use material.
Non hazardous, non toxic
Suitable for all types of concrete moulds/ formworks
Non - staining.
Minimizes cleaning of shutters before reuse.
Reduces imperfections on concrete surfaces.

METHOD OF APPLICATION

Preparation of used moulds

All traces of adherent material either concrete or previous oil deposits must be removed prior to use. Moulds previously used with **ADDAGE BONDCOTE 300 W** will require only light brushing as the presence of fine dust will improve the wetting out properties of **ADDAGE BONDCOTE 300 W**. This will usually result in improved release properties on the second and subsequent uses of the mould.

Coating

ADDAGE BONDCOTE 300 W can be applied by brush or conventional mould oil sprayer. If a mould oil sprayer is used care should be taken to ensure that a fine nozzle is fitted as **ADDAGE BONDCOTE 300 W** should be applied in a light continuous film. Also apply with the help synthetic cloth. If **ADDAGE BONDCOTE 300 W** is over applied, excess material should be allowed to drain and then carefully removed from the bottom of the mould by means of a sponge or cloth. Pools of **ADDAGE BONDCOTE 300 W** should not be allowed to dry otherwise surface retardation of the concrete may occur. Unlike conventional mould oils, **ADDAGE BONDCOTE 300 W** does not possess residual release properties so it is important prior to each occasion of use, all areas of the mould are recoated. Particular attention should be paid to coating mould rims in order to avoid adhesion of overspill cement slurry.

Trying time

Freshly applied **ADDAGE BONDCOTE 300 W** is easily removed when wet and should therefore remain undisturbed until completely dry. In hot dry climates drying time may be as little as 10 - 15 minutes, but in conditions of low temperatures and high humidity, 1 - 2 hours might be required. In adverse drying conditions the use of a warm air blower directed onto the mould is strongly

recommended. Protection from heavy rainfall subsequent to application is also strongly recommended.

When dry, **ADDAGE BONDCOTE 300 W** is sufficiently durable to withstand foot traffic, i.e. for the fitting of reinforcement. However, it is important that such access be limited in order to minimize contamination or abrasion of the applied **ADDAGE BONDCOTE 300 W** film.

Cleaning

Should the sprayer be subsequently required for a solvent or oil based product, it is advisable to wash out with clean water and allow to drain. Brushes should be washed well in clean tap water after use.

COVERAGE

Coverage rate is dependent on the porosity of the mould material being used .The coverage rate and the form release properties of **ADDAGE BONDCOTE 300 W** will be reduced if the formwork is of an old/worn nature.

Steel	:-	125-180 m ² / 5 liter
Coated Form Ply	:-	290-150 m ² / 5 liter
For untreated wooden surface	:-	75 – 100 m ² / 5 liter

STORAGE

Keep container close when not in use, handling temperature should not very high, keep container in dry and cool place.

SHELF LIFE

If kept in original undamaged packing Store the material upto 12 months from receipt of delivery.

PACKING

210 liter Barrel 50 liter can.

Note: Don't use Cotton cloth and cotton roller brush while using the product i.e Addage Bondcote 300W

Instruction: - Stir well material before use.

