

TECHNICAL DATA SHEET

ADDAGE BONDCOTE 200 S

(Solvent dilatable shuttering Oil / mould release agent)

PRODUCT DESCRIPTION:

ADDAGE BONDCOTE 200 S is a 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 200 S** is supplied as liquid, ready for direct application on site. the chemically reactive components in **ADDAGE BONDCOTE 200 S** 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 200 S** 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 and 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 timber, steel, G.R.P, aluminum shuttering and other resinous formwork coating.

TECHNICAL SPECIFICATION

Color	Gray to Brown Colour liquid.
pH	7
Solution Type	Emulsion
Specific gravity	0.9gm/cm ³ ±0.5.
Dilution	If you find material little thick to apply then you can mix solvent (Kerosene or Diesel)
Viscosity	80-90 sec.by B4 Cup method

ADVANTAGES

Low cost and Solvent dilutable-economical to use.
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 new moulds

No preparation is necessary but if extensive re-use of timber moulds is envisaged, it is advisable to protect all new surfaces from alkali attack which can result in a very short usable life. Steel moulds require no special treatment other than the removal of rust or oil, although wetting out may be improved by lightly abrading the surface.

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 200 S** will require only light brushing as the presence of fine dust will improve the wetting out properties of **ADDAGE BONDCOTE 200 S**. This will usually result in improved release properties on the second and subsequent uses of the mould.

Coating

ADDAGE BONDCOTE 200 S 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 200 S** should be applied in a light continuous film. We can also use synthetic cloth for application. If **ADDAGE BONDCOTE 200 S** 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 200 S** should not be allowed to dry otherwise surface retardation of the concrete may occur. Unlike conventional mould oils, **ADDAGE BONDCOTE 200 S** 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.

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 200 S** will be reduced if the formwork is of an old/worn nature.

Approx. coverage is 12-15 m²/ L

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

ADDAGE BONDCOTE 200 S available in 50 liter can & 210 liter Barrel

Note: Don't use Cotton cloth and cotton roller Brush while using the product i.e Addage Bondcote S 200

Instruction: - Stir well material before use.

