

SOLCEM

S o l e a s e

A Spray / Brush or Roller Applied Concrete Chemical Release Agent (BCA Category 5)

DESCRIPTION

Solease is a chemical release agent for use on formwork and moulds to provide easy release and superior concrete surface finish. It is a blend of reactive oils in a partially evaporative hydrocarbon carrier leaving the remainder of the carrier to form a positive barrier between the form face and the concrete. The release properties of this barrier is further enhanced when soaps are formed by the reactive oils combining with free limes in the concrete.

- Suitable for all types of impermeable formwork to give a stain-free, superior concrete finish and release.
- Suitable for use where forms are struck after more than 18 hours at ambient temperature.
- Inhibits corrosion on metal forms and is suitable for use in potable water schemes.

Colour	Product Code	Container Size
Amber	SOLEASE5	5 litres
	SOLEASE25	25 litres
	SOLEASE210	210 litres

TYPICAL USES

Solease should be used on formwork and shuttering where a superior finish to cast concrete is required.

FEATURES & BENEFITS

- Suitable for impermeable formwork in all climatic conditions.
- Double action provides physical barrier and chemical release properties.
- Reduces form cleaning time to minimum.
- Minimises blowholes and blemishes.
- Inhibits rust formation on steel forms.
- Provides superior concrete finish.
- Resistant to removal by rain showers and foot traffic.
- Will not impair the bond of any future treatments to concrete.
- Light spray mist coat provides excellent economic usage.

APPLICATION

- After preparation of formwork apply Solease thinly by spray, brush or swab prior to each concrete pour as near to time of placement of concrete.
- Timber and other porous forms should initially be treated with a double coat of Solease, the first applied heavily and allowed to stand for maximum absorption before the second is applied in normal manner.
- The BCA report "Appearance Matters" states that excessive application of release agents is detrimental to concrete surface finish.
- Therefore care should be taken to ensure that Solease is

applied as recommended to achieve optimum performance and maximum economy.

COVERAGE

30 to 50 square meters per litre depending upon surface texture and absorbency.

STORAGE

Flash point 38°C. Material should be stored in a cool and well ventilated area. Container should be kept tightly closed and away from all sources of ignition.

SHELF LIFE

Unlimited in sealed containers when stored as recommended.

TECHNICAL DATA

Form	Amber Liquid
Pack Sizes	5, 25 & 210 Litres
Solvent type	Hydrocarbon
Relative Density	0.81
Coverage	30-50 m ² / Litre
Solubility in Water	Not miscible
Viscosity	Non-viscous
Flash Point	38°C

HEALTH & 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.