ADVANCE Chemicals
5-8 Malton Court, Altona Victoria, 3018
P.O. Box 164, Altona Victoria, 3018
Telephone: (03) 9398 4444
Web: www.advancechemicals.com.au
Email: info@advancechemicals.com.au

CONCRETE RELEASE LN1713

Water-based Concrete Release Agent

CONCRETE RELEASE LN1713 acts as a barrier to prevent concrete from sticking to formwork. It has a low viscosity for easy spraying application and is a non dangerous good. It is suitable for painted wood and steel form work, moulds and for forming tilt slabs on site. Because it is water based the cleaning of equipment is easy. It is largely based on organic esters which are readily biodegradable so run off to stormwater drains is not a problem.

CONCRETE RELEASE LN1713 can be sprayed on wooden or steel formwork prior to pouring concrete. Most thin water based emulsions applied to formwork are readily displaced when concrete is poured. This is not the case with **CONCRETE RELEASE LN1713**.

CONCRETE RELEASE LN1713 is an emulsion of oil in water. After spraying on the formwork some of the water evaporates changing the emulsion to water in oil or an oily film. The viscosity then increases, and the release agent binds strongly to the formwork and is then not readily displaced by rinsing water, rain or by poured concrete. After 24 hours when the concrete has set the formwork can be removed easily leaving a smooth unblemished finish to the concrete.

CONCRETE RELEASE LN1713 is normally applied neat by spraying. Alternate methods are dipping or brushing. Equipment can be rinsed with water directly after use. If the release agent has dried a detergent cleaner may be needed. It is a non dangerous good, biodegradable and environmentally friendly.

FEATURES

- Non-flammable, non-dangerous good, and non-corrosive on aluminium or steel
- It is water based and biodegradable.
- Little residual concrete is left in moulds and mould cleaning is easy
- Very few pores are left in concrete and will not cause discolouration
- Suitable for painting
- Economical in use – only 35 – 70 gm needs to be applied per square metre of plywood

CHEMICAL AND PHYSICAL PROPERTIES

Appearance:	Thin milky liquid
Density:	1.0
Odour:	Low
Flash Point:	Non-flammable
pH:	8 - 10

METHOD OF USE

Apply neat by spraying. Alternate application methods are dipping or brushing. A normal usage rate is 50 gm per square metre. Allow 10 minutes to dry and then pour on the concrete. Allow to cure for 24 hours.