

UNI – FORMPRO S1

CHEMICAL MOULD RELEASE OIL

UCA/MRA/01/0722

DESCRIPTION

UNI - FORMPRO S1 is a specially formulated blend of paraffinic mineral oils and chemicals having release properties which are superior to those of a conventional mould oil.

UNI - FORMPRO S1 is supplied as a pale, straw, coloured, liquid ready for direct application. The alkali reactive chemicals promote a water repellent interface which protects both steel and timber formwork whilst ensuring an even colour and texture in the cast concrete.

USES

- ❖ UNI - FORMPRO S1 is used on metal, wood, plastic, and fibre glass forms. On plywood and fibre glass, UNI - FORMPRO S1 eliminate expensive form cleaning.
- ❖ On aluminium and steel, UNI-FORMPRO S1 facilitates easy removal of mortar and/or concrete.

ADVANTAGES

- Ensures good fair-faced concrete, without stains.
- Can be used on all types of formwork.
- Inhibits corrosion of steel form work.
- Acts as bond breaker.
- Cuts clean-up time.
- Easy to use.
- Keeps the forms clean.

TYPICAL PROPERTIES

PACKAGING	5 , 20, 200 L & 1000 L IBC. (other sizes available on request)
APPEARANCE	Pale yellow liquid
SPECIFIC GRAVITY	0.80 – 0.84 g/cc @ 25°C
COVERAGE	20 to 60 m ² /lit depends upon surface conditions.
Temperature Limitation: For application temperatures in excess of 60°C refer to Technical Department.	

INSTRUCTIONS FOR USE

PREPARATION OF USED MOULDS

All traces of adherent material either concrete or Oil deposits must be removed prior to use.

APPLICATION

It can be applied by brush, sponge or mould oil sprayer. If a mould oil sprayer is used care should be taken to ensure that the correct nozzle size is chosen.

UNI-FORMPRO S1 should be applied in one continuous even film.

NOTE:

Excessive application is uneconomical and can lead to surface dusting. All non-absorbent surfaces require only a single application. New unsealed timber surfaces should be recoated if a delay period in excess , of 48 hours is envisaged. After use, the formwork should be brushed or wiped clean of any excess dust prior to re-coating with UNI-FORMPRO S1 as previously described.

PRECAUTION

FIRE: Due to the high flashpoint the flammability risk of UNI-FORMPRO S1 is low. Ensure adequate ventilation. Do not use near naked flame or smoke during use.

STORAGE & SHELF LIFE

Shelf life at least 12 months if stored unopened in the original container. Protect from frost. Should material be inadvertently exposed to frost, it must be stirred thoroughly before use.

Flashpoint: Above 60° C, keep in a shaded, ventilated area away from extremes of temperature.

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SAFETY PRECAUTIONS

Gloves should be worn when handling. Any Splashes to the skin should be washed immediately with soap and water. Do not use solvent. Goggles should be worn as direct contact with eyes will cause irritation and may cause serious damage if left untreated. Splashes to the eyes should be washed immediately with water and medical advice should be sought. Ensure adequate ventilation.

LIMITATION OF LIABILITY

This information is based on our current level of knowledge. It is given in a good faith but it is not intended to guarantee any particular properties. The users must satisfy themselves that there are no circumstances requiring additional information or precautions or the verification of details given herein.

P.O BOX 80071
BUILDING 1928
ROAD 5146, BLOCK 951
ASKAR, KINGDOM OF BAHRAIN

PHONE : +973 17830830
info@unichembahrain.com
www.unichembahrain.com
CR No. 51803