



### TECHNICAL DATA

## FORMPLUS XP – CONCRETE FORMS AND MOULD RELEASE AGENT

### FORMPLUS XP

Concrete Forms and Mould Release Agent

**FORMPLUS XP** is specially formulated blend of mineral oils and chemicals having release properties which are superior to those of a conventional mould oil. The chemicals react with the alkali in the concrete to form a thin water repellent skin on the surface of the mould, which enables easy stripping from concrete and acting as a protection to steel and wooden formwork.

**FORMPLUS XP** is supplied as a pale straw coloured liquid ready for direct application and on site use.

#### USES and ADVANTAGE

- to provide quick, clean and easy stripping of moulds and forms
- ensure high quality fair-faced and stain-free concrete
- user friendly, no toxic odour
- reduces formwork costs due to releasing strip properties
- smooth concrete finishes after form removal



#### TECHNICAL SUPPORT

PATS PINOY Representative provides a technical advisory service for on-site assistance, application, dispensing equipment.

#### CONCRETE SURFACE QUALITY

In addition to preventing adhesion of the cement paste to the mould or shutter face, **FORMPLUS XP** allows air, which would otherwise be trapped, to escape from the face when the concrete is being poured and vibrated. The chemical reaction between **FORMPLUS XP** and the cement in a concrete mix produces a strongly hydrophobic surface. This repels surplus water at the interface with the mould and by protecting the concrete from its effects, preserves uniformity of surface texture and colour.

#### DISPENSING

**FORMPLUS XP** can be applied by brush, sponge or conventional mould oil-sprayer. If a mould oil-sprayer is used, care should be taken to ensure that the correct nozzle size is chosen. Stir the contents of the container thoroughly before use. Apply one coat of **FORMPLUS XP** thinly and evenly over the entire surface. Only the thinnest coating necessary to achieve effective coverage should be applied. Excess application is uneconomical and may lead to surface dusting. Wipe or brush off any particles that may remain on the surface and apply one coat of **FORMPLUS XP** as previously. If it is required to remove **FORMPLUS XP** completely, a strong industrial detergent should be applied together with stiff brushing and then thoroughly rinsed with clean water.

#### PROPERTIES

<b>Appearance</b>	Light Brown to pale Yellow Liquid
<b>Specific gravity</b>	Typically 0.80 – 0.95 at 25°C
<b>Chloride content</b>	Nil to BS 5075
<b>Alkali content</b>	Nil



# PATS PINOY TRADING CORP.

Chemical & Building Solutions

## ESTIMATING and PACKAGING

**FORMPLUS XP** is available in 200 liters – drum, 20 liters - container, 4 liters - container and 1 liter - container

Typical coverage 25 - 60 sqm per liter depending on formworks type and porosity.



## STORAGE

**FORMPLUS XP** has minimum shelf life of 12 months provided the temperature is kept within the range of 2°C to 50°C. If the temperature of the product fall outside this range. Contact PATS PINOY Representative for advice.

## HEALTH and SAFETY

**FORMPLUS XP** does not fall into the hazard classifications of current regulations (see notes 1 and 2 below). However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - **do not** induce vomiting. For further information consult the Material Safety Data Sheet available for this product.

## FIRE

**FORMPLUS XP** is water based and non-flammable.

## CLEANING and DISPOSAL

Spillages of **FORMPLUS XP** should be absorbed onto sand, earth or vermiculite and transferred to suitable containers. Remnants should be hosed down with large quantities of water. The disposal of excess or waste material should be carried out in accordance with local legislation under the guidance.

## IMPORTANT NOTE

PATS PINOY products are guaranteed against defective materials and manufacturing, and are sold subject to its standard terms and conditions of sale. Copies of which may be obtained on request. Whilst PATS PINOY endeavors to ensure that the technical information on this data sheet is correct at the time of printing, it is the customer's responsibility to satisfy himself by checking with the company if this information is still current at the time of use,; that the product is suitable for the intended application; and that the actual conditions of use are in accordance with those recommended because PATS PINOY has no control over the conditions of use of its products. All recommendations or suggestions regarding the use of these products are made without guarantee.