

# PLANTGUARD CPS

Corrosion protector and concrete anti-adherent for construction plant and equipment

## DESCRIPTION

PlantGuard CPS is a wax based clear film forming coating which can be applied by dipping, spray or brush.

It is the ideal protective coating for concrete skips, road forms, manhole shutters, screed mixers & pumps, forced action pan mixers, concrete pumps, concrete mixers, powerfloats or any other plant that is in contact with concrete on a regular basis. The coating prevents concrete sticking to the metal and means it is far easier to remove using a hot pressure washer, therefore speeding up cleaning times and cutting down on grit blasting, hammering etc.

Also provides protection from corrosion of ferrous metals in storage.

## ADVANTAGES

- Fast drying, high performance, thin film, rust prevention system easily applied by dip, brush, roller or spray, even to difficult sharp edged surfaces.
- Thermally stable and self-sealing, thus prevents cracking, chipping, peeling, sag or 'fingerprinting'.
- Fully tested for exterior exposure, UV degradation, in service from tropical to sub-zero temperatures.
- Electrically insulating, imparting resistance to galvanic corrosion.
- Highly resistant to attack by salts, microbes and other bacteria which normally accelerate corrosion processes.
- Can be applied to existing rusted surfaces so recoating of damaged areas is simplified, However, limited cleaning should be considered prior to initial application for totally effective use.
- Non-staining on steel, aluminium, copper or their alloys.
- Labour saving, no primer coating or double coating necessary as with some opposition materials.

## PROPERTIES

|                          |                             |
|--------------------------|-----------------------------|
| Flash Points:            | 40°C                        |
| Auto Ignition:           | 400°C                       |
| Flammability of coating: | Non-combustible             |
| Viscosity @ 40°C:        | >7.0c/st                    |
| Drying Time 20°C:        | 1 Hour                      |
| <b>Rust Protection:</b>  |                             |
| Indoors                  | minimum 2 years             |
| Covered Outdoors         | minimum 1 year              |
| Outdoors                 | minimum 6 months            |
| Colour:                  | Amber/Straw coloured liquid |

## COVERAGE

20 to 25m<sup>2</sup>/litre dependent on porosity, texture of surface and ambient temperature. 45m<sup>2</sup> in a Dip Tank.

## Norsekem Limited

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## APPLICATION

Remove all concrete build up or other forms of contamination from metal surface. Wash off with clean water or in the case of sand/grit blasted surfaces, leave dry. Some surface rust can be tolerated by the coating without affecting future performance.

Apply **PlantGuard CPS** to surface by brush, roller or spray unit. Ignore any water residue as this will be displaced but remove any concentrations before treatment. In the event of dipping items in **PlantGuard CPS** water displacement is aided by slight agitation and it can then be drained off periodically from the dip tank.

Cleaning of application equipment and removal of **PlantGuard CPS** can be easily achieved by use of Hot Pressure washing techniques, **SolvKleen** or a similar solvent material.

Once cleaned please re-apply for further protection against concrete.

## STORAGE & HANDLING

**PlantGuard CPS** in manufacturer's sealed drums requires no special storage facilities.

Material should be applied in well ventilated areas.

## HEALTH & SAFETY

Refer to separate material safety data sheet. Copies available by request.

If spraying, care should be taken to minimise inhalation and contact with eyes and ensure adequate ventilation during application.

## PACKAGING & TRANSPORT

Supplied in 25ltr, 200ltr, 1000ltr IBC tanks. Not Regulated for Road Transport

## QUALITY ASSURANCE

Norsekem Limited Products are manufactured under quality assured schemes.

Norsekem Limited products are guaranteed against defective materials and manufacture. Products are sold subject to the Norsekem Limited Terms and Conditions of Sale, copies of which are available on request. Norsekem Limited endeavors to ensure that the above data and any further advice is correct, Norsekem Limited can not accept liability for the use to which products are put or the way in which they are used. All recommendations stated by the company are made in good faith. Recommendations do not over-ride the basic obligation of the user to satisfy themselves at all times as to suitability of the product for their particular application.



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