



Rust Preventative & Concrete Release System

A highly versatile, thixotropic film forming and dewatering coating which can be applied by dipping, spray or brush. The product is thixotropic, therefore resistant to sag, run-off and flow. The dewatering characteristics make it ideal for large steel moulds, etc, where protection from the weather is difficult during application. Long term protection, two years approx., is afforded to metal components for storage or shipment. After use it can be used as an initial release agent for concrete casting or removed easily by a recommended cleaner

Uses

Metal parts protection for storage or shipment of construction, mining and agricultural equipment, oil refinery coatings, pipe and wire manufacture, machine tools and in many other applications

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'.
- 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.

Thermal Stability: -40° to 500°F

Electrical Resistivity: 10 Ohm/cm

Flash Points: 105°F (40.5°C)(PMCC)

Coverage/ Film Thickness: 20-25 m² ltr/.018 mm

Flammability of dried & cured coating: Non-combustible

Viscosity (Brookfield): 77°F CPS: 1185

Colour: Light brown liquid

Application

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Remove all concrete build up or other forms of contamination from metal surface.

Wash off with clean water or in the case of sand blasting leave dry. Some surface rust can be tolerated by the coating without affecting further performance.

Apply EXTRAPOL RP2 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 EXTRAPOL RP2 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 RP2 can be easily achieved by use of Adomast Solvent Cleaner or similar material.

In event of concrete formwork being commissioned for use, removal of EXTRAPOL RP2 is not necessary, as it will give the first release. However, first remove any surface contamination from the coating.

Coverage

Extrapol RP2 has a cover rate of 25m² per litre

Storage

Packed in 5,20, 25 litre and 210 litre drums.

Shelf Life

Shelf life is 12 months in the supplied sealed container subject to storage temperature and humidity. Once opened use within 1 month

Specification

Extrapol RP2 is manufactured & supplied by Adomast Manufacturing Ltd and shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product, please consult our Technical Department

Health and Safety

EXTRAPOL RP2 should be considered as a petroleum solvent based material for all considerations and treated as hazardous waste for disposal of container. See Health & Safety Data Sheet for greater detail of H& S characteristics

Good standards of personal hygiene should be applied, especially use of goggles if spraying the material and electrically earth the spraying unit.

In the event of contact with eyes flush with clean water for 15 minutes and contact a medical department immediately. In case of fire use foam or dry chemical extinguishers.