

# PIERI® Aquarol TT-31

## Release emulsion for precast concrete

### Description

A suspension of 100 % synthetic lubricants in water. PIERI® Aquarol TT 31 enables forms to be removed from precast concrete under the most technically advantageous conditions, whether heated or unheated concrete is used.

After the water has dissipated, the fine white droplets deposited by atomisation collect to form a continuous, non-fatty film that provides a very high quality finish and release from the mould.

### Applications

PIERI® Aquarol TT 31 is a release agent for precast concrete poured in synthetic moulds : paving slabs, kerbings, facade panels, decorative concrete.

It can be used without restriction on any type of wooden, metal or composite mould, in delayed demoulding, heated moulds or unheated moulds; and is compatible with all currently used concrete admixtures.

Coverage :  $\approx$  30 to 60 m<sup>2</sup>/litre depending on equipment.

PIERI® Aquarol TT-31 can be used in difficult conditions, high vibration, cold temperature.

### Directions for use

PIERI® Aquarol TT 31 is best applied using a pressure spray at a minimum pressure of 1 bar. Electric or pneumatic pump system installed as stationary units may also be used.

In case of paving slabs production, the best results are obtained with an "airless" gun sprayer with a very low flow rate.

### Recommendations

Our products are protected against the development of microorganisms.

However, the inherent risks of pollution by other products or development of microorganisms in local storage (dust in tank..) can affect the stability of the products.

The responsibility of GCP could in no case be engaged if settling, rotting of the products, as well as the damage possibly caused by these losses of stability, to the concrete products obtained with these release agents.

### Advantages

PIERI® Aquarol TT 31 combines all the positive features of synthetic release agents and water-based products:

- Completely safe to use:
  - non-flammable,
  - odourless, well adapted to closed areas,
  - Easily washed off with water.
- Release qualities:
  - PIERI® Aquarol TT 31 is specially developed to minimize the formation of bubbles, stains, powdering and sticking,
  - light and uniform colour of concrete.
- Little finishing work required.
- Environmentally safe.

### Technical Specifications

- White, ready to use product
- Density : 0.92  $\pm$  0.01
- pH : 8.7 to 9.2
- Dynamic viscosity : 210 cPois  $\pm$  40 at 20°C.
- Freezing point : around 0°C. Does not recover its properties after freezing.
- Flash point > 100°C (Setaflash method).
- Recommended nozzle for manual spraying : X 10 (Spaying Systems type).

### Storage

1 year in original unopened packaging.  
Keep away from sun. Affected by freezing

## Packaging

25 litre drum.  
220 litre drum.  
1000 litre tank.

## Safety

Product regulated.  
Should be kept in its original packaging.  
For further information, please consult our Safety Data Sheet.

## Transport

Not regulated.

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GCP Applied Technologies Inc., 62 Whittemore Avenue, Cambridge, MA 02140 USA.

GCP Applied Technologies (UK) Ltd, 830 Birchwood Boulevard, Birchwood, Warrington, WA 7 QZ United Kingdom.

Our Safety Data Sheets on [www.quickfds.com](http://www.quickfds.com) – Printed in France – 07.06.2018

