

# PIERI® Aquarol TT-31 Data Sheet

Release emulsion for precast concrete

## Product Description

PIERI® Aquarol TT-31 is a suspension of 100% synthetic lubricants in water. It 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 atomization collect to form a continuous, non-fatty film that provides a very high quality finish and release from the mold.

## Product Advantages

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

- Environmentally-friendly
  - non-flammable and non-toxic
  - odorless, well adapted to closed areas
  - non-irritating to skin
  - easily washed off with water
- Release qualities
  - no formation of bubbles or stains
  - no powdering or sticking
  - light and uniform color of concrete
- Little finishing work required

## Application

PIERI® Aquarol TT-31 is a release agent for precast concrete poured in synthetic molds: paving slabs, architectural panels, decorative concrete and hardscape products. It can be used without restriction on any type of wooden, metal or composite mold, in delayed de-molding, heated molds or unheated molds; and is compatible with all currently used concrete admixtures.

Coverage: 1200–2500 ft<sup>2</sup>/gal (30–60 m<sup>2</sup>/L) depending on equipment.

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

## Directions for Use

PIERI® Aquarol TT-31 is best applied using a pressure spray at a minimum pressure of 15 psi. Electric or pneumatic pump system installed as stationary units may also be used.

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

## Technical Data

- Color: white, ready-to-use product
- Density: 0.95 ± 0.02
- pH: 8.2 to 8.3
- Viscosity: 100 cSt at 68°F (20°C)
- Freezing point: 32°F (0°C) Does not recover its properties after freezing.

## Shelf Life and Storage

One year in original unopened packaging.

Keep away from sun.

PIERI®AQUAROL TT-31 must be protected from freezing at temperatures of 32°F (0°C) and below, as the release agent is not usable once frozen.

## Packaging

Available in pail, drums and totes.

## Safety

Not regulated. For further information, consult the SDS (Safety Data Sheet).

## Shipping Classification

Not regulated.

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