



# CIREX Si 41 WB

## External Release Agent – Water based

### Description

**CIREX Si 41 WB** is a universal water based release agent which facilitates several releases per application and significantly reduces contamination of the moulds. It is stable at high temperature (410°C) and has a strong resistance to abrasion.

### Application

**The CIREX Si 41 WB** is a release agent for thermoplastic, thermosets and for elastomers. It can be used in different application like injection, compression, transfer, RTM, hand lay up and casting. Its formulation enables its treatment application without risk on PU lacquer

#### **For a first application:**

Apply Cirex Si 19 to clean the mould or any other efficient release agent cleaner. This will enable the release agent to last longer on the mould and to lengthen its efficiency.

For use with a micro porous mould, first apply 1 or 2 coats of Cirex Si Bouchepor W1 (water based)

Spray or apply with a clean cloth 4-5 light coats of the mould release agent every 15 minutes on the mould.

You will need to buff every application of the mould release agent before the product is dry. If you want to obtain a shine, then buff again.

Let dry the last coat 1 hour minimum, and buff any traces and then mould

#### For a full treatment on a new or scoured mould:

Leave it for 5 hours minimum or a full night in order to gain better result at the mould release (on a hot mould: shorten the time per the T°C)

#### For upkeep:

Re apply one fine coat of the release agent after few moulding and before the mould gets soiled. Buff then let dry for 1 hour to make it more efficient (< to hot)

#### Heat Treatment:

Consult us (shorten time between coats)

#### Spray Gun Application:

Better to use a spray gun with touch-type nozzle from 0,8 to 1,8

The pressure will be 0,6 to 1 bar maximum, according to the surface to be treated

Average consumption: 8 to 15ml / layer/ m<sup>2</sup>

*This type of application also requires a light buffing of each layer*

### Packaging

1 liter	5 liters
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### Storage

- 36 months in its original closed container
- Keep away from frost and cold temperatures
- Closed back tightly after each use

### Note

After delivery, the use and storage of our products are no longer under our control, and we cannot longer accept any responsibility in regards to the products in any ways

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to use in production.