

CIREX Si 40 WBN

External Release Agent – Water based

Description

CIREX Si 40 WBN is a water based liquid external release agent, formulated for thermosetting resins (epoxy, polyester and vinylester).

Do not contain any COV

It is stable at high temperature (200°C) and efficiently avoid the risks of auto-release

Physical properties

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| - Aspect | milky liquid |
| - Density | app 1,0kg/l |
| - Solids | app. 7% |

Application

For a first application

1. Clean the mould with Cirex Si 019 or any other efficient dewaxer It will allow the release agent to adhere heavily to the mould and to extend its efficiency
2. On a brand new mould, or scoured apply 2L of Cirex Si W1 (see technical data sheet)
3. Spray or apply with a cloth 4-5 thin coats of release agent every 15mn on the mould
4. Pass the cloth over every coat before the product is dry. If you want a shine, then polish in a second time

Let the last coat dry for 1 hour maximum, polish off any traces and mould.

For a complete treatment on a new or scoured mould: please allow at least 3 hours or 1 night (recommended) in order to obtain long term results and performances of the demoulding treatment (on a hot mould: 20mn at 100°C)

For maintenance: apply a thin coat after few moulds but before the emergence of dirt Polish then let dry the release film for 1 hour to make it more performant (less time when hot, exampe 2mn at 100°C)

Spray Application

Better to use a spray gun with touch-type nozzle from 0,8 to 1,2

The pressure will be 0,7 to 1 bar maximum, according to the surface to be treated

Average consumption: 8 to 12ml / layer/ m²

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

Packaging

1 liter	5 liters	20 liters
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Storage

- 2 years in its original closed container. Risk of decantation: shake well before use
- Keep away from frost and cold temperatures
- Closed back tightly after each use

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