

# CIREX SI 042

## Agent de démoulage

### Description

CIREX Si 42 is a universal semi permanent release agent which facilitates several releases per application and significantly reduces contamination of the moulds. Hence a better productivity.

It is stable at high temperature (400°C).

Its highly recommended for hand lay up and RTM

### Application

Le CIREX Si 042 is universal.

It is a release agent for thermosets like polyester, vinylester, epoxy, phenolics,,,, thermoplastics and elastomers.

Its highly recommended for hand lay up, RTM, injection and pre pregs.

### Physical properties

- Nature	solvent resin
- Aspect	clear liquid
- Density @ 20°c	0,85
- Flashpoint	24°C
- Max temperature	400°C
- Storage	2 years maximum in a closed packaging and stocked between 5°C and 20°C

### Application

1. Apply Cirex Si 019 to clean the mould
2. If porous support, then apply 1-2 coats of Cirex Si 022 or Si023
3. Apply 4-6 coats of Cirex Si 042 every 10mn
4. Soak in a cotton cloth and treat ½ m<sup>2</sup> by ½ m<sup>2</sup>, buff nicely for 20 seconds maximum after you have applied and before the release agent is dry.
5. Wait 1 hour minimum before moulding the 1<sup>st</sup> piece
6. Re apply a thin coat after few mouldings and before contamination of the mould

### Spray Gun Application

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

The pressure will be from 0,6 to 1 bar maximum, depending on the surface to be treated

Average consumption: 10 to 15 lm / layer / m<sup>2</sup>

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

### Packaging

Available in 5 Liters

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