

CIREX Si 043

Semi permanent release agent

Description

CIREX Si 043 is a semi permanent release agent with a sliding effect. It has a strong resistance to abrasion facilitating several releases per application and significantly reduces contamination of the moulds allowing a higher productivity.

It is stable up to 400°C

The CIREX Si 043 is universal. Ideal for thermosets like polyester, epoxy, vinylester, phenolics, thermoplastics, elastomers. Its highly recommended for RTM, injection, winding, concrete and pre preg

Physical properties

- Nature	solvent resin
- Aspect	colorless liquid
- Density @ 20°C	0,75
- Flashpoint	< 21°C
- Max temperature	400°C
- Life span	1 year in closed container (5-20°C)

Application

1. Apply Cirex Si 019 to clean the mould
2. Apply 1-2 coats of sealer Cirex Si 022 on a new or scoured composite mould, and any other support showing microporosity
3. Apply 4-6 coats of release agent Cirex Si 043 every 10mn
4. Soak-in a cotton cloth and treat ½ m² by ½ m², 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 1st 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 / m²

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

Packaging

5 liters / 3,75kg

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