

CIREX SI 039 WB

Release Agent – Water based

Généralité

CIREX SI 039 WB is a water based release agent. Modified version of the Si 041 WB in order to reduce the problems of auto release (increased film surface tension).

It 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

CIREX SI 039 WB is a release agent for thermosets like epoxy, polyester and vinylester resins and for casting and hot melt elastomers. It can be used in different application like injection, compression, transfer, RTM, hand lay-up and casting.

Its formulation enables an easy application on hot mold as well as the treatment application without risk on PU lacquer

For a first application

1 - Mould surface must be thoroughly cleaned with cleaner CIREX Si 019. It will allow the release agent which allow a better adhesion and a better efficiency

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

3 - Spray or apply with a clean cloth 4-5 light coats of the mould release agent CIREX SI 039 WB every 15 minutes on the mould.

4 - 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.

5 - Let dry the last coat 1 hour minimum

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, example 30mn at 100°C)

For upkeep

Re apply one fine coat of the release agent after few moulding and before the mould get 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: 10 to 15ml / layer/ m²

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

Storage

3 years in its original closed container – Shake well before use.

Keep away from cold temperature and frost. Closed back tightly after each use.

Packaging

Available in 1 Litre and 5 Litres

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