CIREX SI 041 WB
External Release Agent – Water based

Description
CIREX Si 041 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 041 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
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 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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