

BÜFA®-Release Agent SP waterborne

Semi-Permanent Mould Release Agent

Prod. No. 741-0080

Product description BÜFA®-Release Agent SP waterborne is a water based, semi-permanent, mould release agent with good surface slip that can be used for multiple demoulding with occasional refreshing.

Applications BÜFA®-Release Agent SP waterborne is used as a mould release agent for the production of moulded parts made of UP, VE and EP resins in GRP moulds and moulds made of metal or glass. BÜFA®-Release Agent SP waterborne is especially suitable for use in moulds with complex geometry and for highly filled BÜFA®-Firestop fire protection systems.

Specifications / technical data	Property	Test method	Value	Unit
	Density at 20 °C	DIN 53 217/2	approx. 0,996	g/ml
	Flow-viscosity at 20 °C in an ISO-cup Ø 6 mm	EN ISO 2431	5 - 10	s

Directions for use Before applying BÜFA®-Release Agent SP waterborne, the surface of the mould should be completely free of foreign substances such as release agents, waxes, residue from polishing, etc. To achieve this, use BÜFA®-Mould Cleaner (742-0596) or a similar cleaner.

BÜFA®-Release Agent SP waterborne is best applied with a soft, 100 % cotton cloth. Synthetic fibres are not suitable since they could smear the surface. Apply uniformly and as thin as possible over the entire surface of the mould in several intermediate steps as described in the following:

Apply a thin layer to the surface of the mould with a damp release agent cloth. As soon as this layer has dried, the surface of the mould should be polished with a non-fraying, cotton cloth. Frequently turning the cloth to a clean area makes polishing easier and prevents streaks on the mould. Wait for at least 15 minutes until the release agent has completely cross-linked before you begin applying 5 further layers. If the mould is new, a total of 8 layers of release agent should be applied.

A waiting time of 30 minutes should be observed after the last layer of release agent has been applied in all cases.

If the release effect wears off, the layer of release agent can be touched up by applying two fresh layers and allowing to cure for 30 minutes.

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The number of demouldings must be separately determined for each moulded part since many factors influence release properties, e.g. material, geometry of the mould, curing components and working parameters when the moulded part is produced.

Attention!

Always shake the container well before using.

Storage/Handling

This product must be stored cool in closed containers, protected from sunlight. Shelf-life is at least 6 months in unopened, original containers stored up to a temperature of 20 °C. Avoid storage temperatures below 0 °C.

Note: The Information given above is based on our current state of knowledge and experience. In view of the many factors that may influence working conditions and the application of our products, the user is not relieved from carrying out his own tests and experiments. No legally binding warranty of certain properties or suitability for a particular purpose can be derived from this information. It is the responsibility of the receiver or user of our products to observe proprietary rights as well as existing laws and regulations. The latest version of the corresponding EU Safety Data Sheet must also be observed.

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