

BÜFA®-Release Agent

Semi-Permanent Mould Release Agent

Prod. No. 741-2196

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

Applications BÜFA®-Release Agent 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 is especially suitable for use in moulds with a complex geometry.

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, make sure that the surface of the mould is free of foreign materials, e.g. release agents, wax, residue from polishing agents, etc. The mould can be cleaned, e.g. with BÜFA®-Mould Cleaner (742-0596) or a similar cleaner.

BÜFA®-Release Agent is best applied with a soft cloth made of 100 % cotton. Synthetic fibres are not suitable because they could spoil the surface. Apply the release agent as thin and uniformly as possible over the entire surface of the mould in several operations as described in the following:

Apply a thin layer to the surface of the mould with a damp cloth. As soon as the layer is dry, polish the surface of the mould with a non-fraying cotton cloth. Frequently turning the cloth to a clean area improves polishing results and prevents streaking on the mould. Wait for at least 15 minutes until the release agent has completely cross-linked before the application of the next 5 layers begins. When treating a new mould, a total of 8 layers of the release agent should be applied. In all cases, a waiting time of 30 minutes should be observed after the last layer of release agent has been applied.

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When the effect of the release agent diminishes, the layer of release agent can be touched up by applying two new layers and allowing them to cure for 30 minutes.

Since many factors influence release properties, e.g. material, geometry of the mould, curing components and working parameters for the production of the part, the number of de-mouldings that can be made must be determined for each separate element.

Attention!

Shake the container of release agent 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.

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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