

Production of GFK preforms

BD7712XRU999

DURELASTIC-Wax-Release Agent

Liquid wax suspension in hard setting for the production of dull to semi-lustrous surfaces for the processes of cold-pressing and hand resting.

Characteristics

Flowable suspension of a hard special wax in volatile, organic solvents.

This wax suspension is drying with a dull surface and can be brought to semi-glossiness by means of subsequent polishing.

Application

It is predominantly used with polyester or epoxid resin forms for the production of work pieces of dull or semi-lustrous surface. The extremely high drying speed permits an optimal exploitation of the mould capacity. Furthermore, the application can be coupled when applying foil separating agent. In such a case the wax suspension assumes the function of a priming.

Mode of coating

A uniform and thin coating for non-fibrous linen- and cotton materials.

Drying

1 - 2 minutes at 20 °C. After this time, a semi-glossy surface can be obtained by post-rubbing with the help of a dry bale of cloth.

Indication regarding processing

After having removed a mould, in each case, the coating of BD7712XRU999 is to be repeated in the mode described when initiating new moulds. With an impeccable surface quality of the mould, the coating of the separating agent can be reduced in accordance with the increasing number of the preforms. After having removed the subsequent polishing by means of a dry bale of cloth (polishing cloth); the separating agent being only applied a new after every 3. removal process. This measure prevents a premature production of wax residues in the mould which, as the case may be, can be removed by very fine steel wool or polishing fabric with the help of the detergent EFD-Cleaner 400312.

The influence of the separating agent on the surface of the work piece

BD7712XRU999 may exercise an adhesion-preventing effect on coating agents. In case a post-lacquer coating of preforms becomes necessary, the surface of the work piece is to be cleaned and roughened by a careful polishing of separating agent residues.

Special indications

By the coating of the wax separating agent by means of a spray gun, surface effects can be obtained which, in their structure and in their degree of gloss are corresponding to the appearance of dull chromiumplated metal parts.

For the process of spraying, the wax separating agent is to be diluted by approx. 1:1 with EFDEZELL-Cleaner 400312. Processing is being effected with a spraying pressure of 2,5 to 3,5 bar with 1,2 to 1,5 mm nozzles. In order not to damage the fine grained dull structure of the separating agent, a coat of the DURELASTIC-Spray-Gelcoat mass is to be applied prior to laminating.

Storability

Approx. 15 month in original packings at an ambient temperature of 5 to 25 °C, in case the original packings are tightly closed. Opened packing must be used very shortly. The minimum storage stability of each batch is mentioned on the product label.

A storage time beyond the mentioned date doesn't necessarily mean that the material is unusable. In this case a check of the qualities which are important for the respective

Further information contains our safety data sheets.