

Spacewax 300

PRODUCT DESCRIPTION

Separating wax in paste form, for multiple demoulding of polyester and epoxy resins, also for models, new tools and continuous production.
Can be used up to a temperature of 140 °C on “run in” tools.

APPLICATION

A clean, soft cotton cloth soaked in water and wrung out tightly is always used for applying the Spacewax 300. Apply the separating wax generously over a manageable area and polish it immediately to a high shine with a clean cloth.

Between four and six wax layers should be applied to new moulds. It is essential to wait for about 30 minutes each time before making the next application to ensure that the solvent components have evaporated.

Recommendation: Always temper new moulds in order to improve reliability.

(To be on the safe side we also recommend the use of a PVA separating film).

New moulds should always be tempered up to 50°C for at least 3 hours before starting the application of the release agent.

Note: Despite quick polishing of the applied layer the wax film only remains very superficially on the mould and does not penetrate into it. Because of the development of exothermic heat that occurs on the first demoulding the separating wax is driven more and more into the surface pores until the mould reaches a so-called “wax-rich” state. As a rule of thumb, between 4 and 6 demouldings will be enough to achieve this state. As an added precaution against excessive adhesion it is advisable to insert a PVA film during the process of “conditioning” the mould that can be easily removed, if necessary, with warm water. Once a new mould has been properly “run in” in this way, very good results can be achieved with Spacewax 300 in terms of the number of possible separations.

AREAS OF APPLICATION:

Standard wax for polyester- epoxy resin and gel coats.

PHYSICAL PROPERTIES (at 25°C)

Specific gravity	0.839 g/cm ³ .
Flashpoint	43°C
Lower explosion limit	0.8 Vol. %
Maximum workplace concentration	500 ppm
Solvent content	80 %
Form of delivery	450 gr.

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