

# US Formliner Mold Wax

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Product 04004

Edition 06/21

release agent for mold-making, ready to use

## PROPERTIES

US Formliner Mold Wax is a solvent-based dispersion of a high-quality, fine-particle hard wax. It does not affect the curing of US Formliner two-component materials.

## APPLICATIONS

US Formliner Mold Wax enables the easy demolding when manufacturing models, replica, recesses, wear parts, negative molds or formliners out of polyurethane- or epoxy-based US Formliner two-component resins, as well as silicone to silicone castings.

## TECHNICAL DATA

property	value	method
workable temperature:	50 °F – 85 °F	
density:	0,75 g/cm <sup>3</sup>	ISO 2811
solid content:	9 %	by weight

These data are typical guide values. They are not intended for the generation of specifications.

## SURFACE PREPARATION

The surface must be dry and clean. Absorbent surfaces should be sealed to prevent the absorption of the separating film. Substrates that are not solvent-resistant must be protected by an impermeable coating before US Formliner Mold Wax can be applied.

## PROCESSING

US Formliner Mold Wax tends to settle. To achieve a homogeneous mixture, the cans should be thoroughly shaken before use. We recommend applying two thin coats of US Formliner Mold Wax, evenly spread by brush, cloth or spray gun. Each layer must be completely dried before the next one can be applied. Make sure no areas remain uncovered due to concealed spots or blind areas. US Formliner Mold Wax must also be completely dried before filling the mold. The evaporation time is approximately 1 – 4 hours, depending on the temperature and the ventilation.

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## CONSUMPTION

Approx. 50 – 100 ml/m<sup>2</sup>, depending on the nature of the substrate.

## PACKAGING SIZES

cans: 5 l | 1 l.

## STORAGE

Store in a dry, well ventilated place at room temperature. Keep the container tightly-closed. Keep away from any sources of ignition, do not expose to direct sunlight. No smoking near the product. Opened drums must be closed airtight right after use to prevent thickening due to continuous evaporation of solvents.

US Formliner Mold Wax may gel at temperatures below 40 °F or by absorption of water. In these cases, even after warming, it is no longer usable without loss in performance.

## SAFETY

US Formliner Mold Wax contains a flammable mixture of hydrocarbons. Ensure adequate ventilation when handling this product. Keep away from heat, sparks, open flames or any other ignition sources. No smoking near the product! Protect skin and eyes from material splashes. Please consult the relevant safety data sheet and observe the hazardous goods warnings on the label of the package. This pamphlet is intended solely as an application directive. It does not claim to be binding and valid for all modes of application. A preliminary test under operation conditions is highly recommended.

This version replaces all previously published technical pamphlets concerning US Formliner Mold Wax, stating them as no longer being valid.

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