

US Formliner Stripping Wax TL-SO

concrete release agent for extended formwork removal times

US Formliner Stripping
 Wax TL-SO

Product 04040
 Edition 06/21

PROPERTIES AND APPLICATIONS

US Formliner Stripping Wax TL-SO is a solvent-containing concrete release agent, ready for use. It is tailored for the manufacture of high quality exposed concrete on US Formliner structured molds and formliners. Of course it can be used on any other kind of solvent-resistant, non-absorbing formwork as well.

US Formliner Stripping Wax TL-SO has a physical effect and does not affect the concrete surface. After drying, a waxy film, which is not displaced by pouring and placing the concrete, remains on the formliner. Thus, defects known from oil-based release agents, such as discoloration, clouds or spray patterns, are avoided. US Formliner Stripping Wax TL-SO improves the corrosion protection of steel shutters and molds. It is also suitable for molds and formworks that are exposed to heat treatment.

Furthermore, US Formliner Stripping Wax TL-SO does not lead to failures of a subsequent coating, painting or grouting, which in turn oil-based release agents often do.

US Formliner Stripping Wax TL-SO is recommended if the concrete needs to remain in the shuttering for more than 24 h or if difficulties in demolding occur due to the concrete's properties, weather conditions or other technical or local factors. To establish the suitability for certain applications and to examine the concrete's final appearance, a preliminary test is highly recommended.

TECHNICAL DATA

property	value	method
workable temperature:	60 °F – 85 °F	
density:	0,82 g/cm ³	ISO 2811
solid content:	22 %	by weight
pour point:	approx. 60 °F	

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

SURFACE PREPARATION

The formwork must be clean and dry.

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PROCESSING

Apply US Formliner Stripping Wax TL-SO very thinly onto the mold surface by brushing or spraying. Excess material must be removed from any recesses, pattern details or holes with a brush or a clean rag. US Formliner Stripping Wax TL-SO works best in a flat (not vertical) application. Before casting concrete, make sure all structure details have been covered completely.

Once applied, the release agent film must be well protected against rain, dirt or dust. Especially for cast-in-place concrete, take appropriate measures to protect the formwork before casting concrete, such as foils or tarps.

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CONSUMPTION

Approx. 100 –150 cm³/m² per application, depending on the type of structure.

PACKAGING SIZES

canisters / cans: 25 l | 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.

US Formliner Stripping Wax TL-SO may clump at temperatures below 60 °F. When warmed up to 70° F in the closed can, all contents will dissolve again, thus allowing further usage.

SAFETY

US Formliner Stripping Wax TL-SO 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 Stripping Wax TL-SO, stating them as no longer being valid.

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