

TECHNICAL PAMPHLET

US Formliner Stop Off Paste PUR

for the manufacture of tailored separating strips on structured formliners

PROPERTIES

US Formliner Stop Off Paste PUR is an elastic, two-component polyurethane. It is cold-curing and solvent-free. After mixing, US Formliner Stop Off Paste PUR is initially pourable. Once poured, it quickly accumulates to a higher thickness.

APPLICATIONS

US Formliner Stop Off Paste PUR is used for the manufacture of elastic, exactly fitting boundaries or separators, as demanded for making concrete elements on US Formliner structured molds and formliners.

TECHNICAL DATA

property	value	method
hardener:	for Stop Off Paste PUR	
mixing ratio (base : hardener):	10 : 1	(according to weight)
workable temperature:	60 °F – 85 °F	
pot life (200-g-mixture at 70 °F):	approx. 10 min	
earliest demolding (at 70 °F):	1 h	
full chemical and mechanical loading after:	7 – 10 days	
density:	1,5 g/cm ³	
heat resistance (dry heat):	150 °F	
heat resistance (under concrete):	140 °F	
colour:	gray	

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

SURFACE PREPARATION

The surface to be cast on must thoroughly be cleaned in a width of 20 – 30 cm. For this, brush off dirt or loose parts. Rub off the surface with US Formliner-Formliner Cleanser to remove fat, oil or grease. The borders must be clearly marked. Subsequently, US Formliner Mold Wax is evenly applied.

PROCESSING

Any contamination with moisture, including condensation, sweat or excessive humidity, must strictly be avoided. Before processing, the base component has to

be stirred up thoroughly. Add the hardener (B) to the base component (A) and mix them until homogeneous. Transfer the mixture into a second receptacle and stir it up again.

The mixture is cast onto the marked area. While still fresh, an appropriate, absorbent board or a strip of plywood, 8 – 10 mm in width, is pressed into the paste and placed horizontally so that there is an overlap in all directions. The placing of the board must be completed within the processing time. When cured, the boundary line is exactly transferred to the board. The negative imprint can be removed after about 1 hour along with the meanwhile firmly glued board. The separating strip is cut along the marking to the correct size and shape with a circular saw and a grinder.

To save on material, US Formliner Stop Off Paste PUR is preferably applied in several layers rather than in one single step. Thus, the spreading of the paste can be reduced. When sufficiently cured, further material can be applied. This working method is already recommended at a structure depth of more than 3 cm.

Residues of US Formliner Mold wax, arising from the manufacture of separating strips, may cause discoloration of subsequently made concrete elements. To avoid such colour differences, the relevant areas must be thoroughly cleaned with US Formliner-Formliner Cleanser and neutralized with US Formliner Stripping Wax TL or TL-SO. For this, use a clean cloth soaked with the relevant releasing agent. Thus, even smallest residues of US Formliner Mold Wax can be removed. Thereafter, the release agent can be applied as usual to the complete separated area enabling the subsequent concreting.

CLEANING OF EQUIPMENT

To clean tools and equipment, use dry, absorbent cloths. Soaking the cloth with US Formliner EK-PU Thinner can help with the removal of stubborn residues. Immersion in solvents is not sufficient.

PACKAGING SIZES

double drums: 5,5 kg | double cans: 1 kg

The hardener is enclosed in the lid.

STORAGE

Store in a dry place at room temperature. US Formliner Stop Off Paste PUR is storable for 6 months from delivery when kept in the closed original packaging at about 65 °F. Opened drums must be closed airtight right after use.

SAFETY

Protect skin and eyes from material splashes. Ensure adequate ventilation when handling this product. Please consult the relevant safety data sheet and observe the indications on the label of the package.

US Formliner Stop Off Paste PUR exclusively consists of components that are registered on the TSCA inventory or exempt from registration.

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 Stop Off Paste PUR , stating them as no longer being valid.

US Formliner, Inc.

380 Commerce Blvd.

Athens, GA 30606

Tel (706) 549-6787

Fax (706) 355-9199

info@USFormliner.com