



## Formwork Protection 1K-PUR

Protective coating for concrete formwork made of wood

Colour	Availability	
	Quantity per pallet	45
	<b>Size / Quantity</b>	<b>10 kg</b>
	Type of container	Tin bucket
	Container code	10
	<b>Art. no.</b>	
yellow	1120	■
Special colours	1129	■

**Application rate** 100-120 g/m<sup>2</sup> per layer



### Range of use



- For use on interior and exterior wood
- Coating formwork beams and panels
- For use by professionals

### Property profile



- Single-component
- Alkali-resistant
- Oil-resistant
- Abrasion resistant
- Can be subjected to chemical loads
- Can be subjected to mechanical loads
- UV-resistant
- Repels water

### Characteristic data of the product

Density	1.17 g/cm <sup>3</sup>
Viscosity (20 °C)	260 mPas
Odour	Characteristic
Degree of gloss	Silk gloss

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

### Preparation

#### ■ Substrate preparation

The substrate must be clean, dry, free of dust, grease and loose substances, and prepared in the correct manner.  
Wood moisture content max. 15%

### Production of the mixture

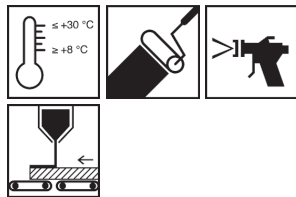


Using a slowly rotating stirrer (max. 400 rpm), stir for at least 1 minute.



## Directions

For professional users only!



### ■ Conditions for use

Temperature of the material, air and substrate: from min. +8 °C to max. +30 °C.

Relative humidity 50 % - 80 %

During the hardening process (approx. 24 hours at 20 °C), protect the material from moisture in order to prevent surface defects.

### ■ Waiting time (+20 °C)

After the curing reaction of the material (4-6 h) and within 24 h after application, a second and, if necessary, a third coat can be applied.

Pour the material onto the prepared surface and spread using a suitable PU roller.

Unused material must not be mixed with fresh material. It must be kept in separate containers to prevent the fresh material from setting too quickly in the container.

Use the contents of opened containers within 24 hours.

## Tips on use



Check colour, adhesion and compatibility with the substrate by setting up a trial area.  
Ensure good ventilation.

### ■ Drying

At 20 °C and 60 % relative humidity:

- Dust-dry after 4-6 hours

- Stackable after 24 hours, mechanical loads after 3 days

- Fully cured after 7 days

### ■ Thinning

Ready to use for application by roller. For spray and pouring application, the product can be adjusted to the required parameters with the thinner V 101.

## Notes

Abrasive mechanical loads leave traces of wear.

The number of formwork cycles can be maximised by using suitable release agents.

## Tools / Cleaning

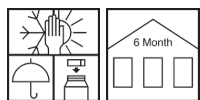
Suitable mixing device, PU roller, spraying device, casting system



Tools and any spilled material must be cleaned with V 101 Thinner while fresh. Hardened material can only be removed mechanically.

Take suitable protective and waste disposal measures when cleaning.

## Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 6 months.

## Safety data / Regulations

Further information concerning safety during transport, storage and handling as well as on disposal and ecology can be found in the latest Safety Data Sheet.

For professional users only!

## Personal protective equipment

Respiratory protection with at least an A/P2 combination filter must be worn during spraying, together with safety goggles. Wear suitable protective gloves and clothing.

## Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

## VOC content as per the "Decopaint" Directive (2004/42/EC)

EU limit value for the product (cat A/i): max. 500 g/l (2010).

This product contains < 500 g/l VOC.

VOC	
Kat.	A/i
2010:	500g/l
max.:	500g/l



Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.