

HP-PUR-PLUS-TEXTUR

2K PUR topcoat for textured and non-slip finishes of boat and sport equipment, truck refinish, industry etc.

High-quality two-component 2K PUR topcoat (containing solvent) for non-slip and weatherproof coatings.

Properties and field of application:

- deliverable in nearly all RAL colours
- results in a textured non-slip surface
- suitable for coating tank surfaces, boat and ship ceilings, surfboards, walking areas on industrial floors or in swimming pools, etc.
- good resistance to water and chemicals (if the dosage regulations for the chemicals used for swimming pool hygiene are observed)
- long-lasting colour stability
- good filling properties able to hide small substrate defects
- by adding the thinner HP-IMC-X ready for rolling and brushing (spraying in the commercial sector is possible)

Important note:

Does not adhere to PE, PP, PTFE ,...
Not suitable for new polyester coatings.

→ Please also consider the notes on the following pages!

Processing data:

	HP-PUR-PLUS- TEXTUR - resin -	HP-PUR-PLUS- TEXTUR - hardner -	HP-IMC-X - thinner -
Mix ratio (weight proportion)	100	50	15 - 30
Pot life (at 20°C)	approx. 6-8 hours		
Processing temperature (optimal))	18 – 25 °C		
Processing conditions	from 15°C and up to 70% relative humidity		
Theoretical consumption	approx. 200 – 250g/m ² (depending on the condition of the substrate and type of application)		
Recommended coatings/layers	1 – 2 (depending on colour tone and application quantity)		
Recommended paint rollers	HP-L1016, HP-L1017, HP-L1022 – polyamide-roller		

Drying time:¹

Drying time	at 20°C		
dust free		45 – 60	minutes
non-sticky		6 – 8	hours
complete drying process		48	hours
Furnace drying	at 60°C		
non-sticky (let it air for 30 minutes before heating)		approx. 45	minutes
Fully loadable after		4 – 5	days (at 20°C)

¹result depends on temperature and application

Surface preparation:

The surface must be clean and dry as well as free of grease, rust and old paints.

	GRP	wood	Alu	steel	Product / Remarks
Cleaning	yes	yes	yes	yes	HP-AC (acetone)
Grinding	80-180	80-180 and lower	blasting	blasting	Grinding paper
filling	on demand				HP-E30S E45KL plus fillers
priming	yes	yes	yes	yes	E80FS + thinner XB

Safety instructions:

The safety instructions can be found in the respective containers and safety data sheets. Do not allow children to handle. Avoid inhalation of vapours and product contact with skin. Wear suitable protective gloves and goggles. Contains xylene.

The usual protective measures for paints must be observed. Processing only under good ventilation.

Mixing:

Carefully mix the resin and hardener according to the specified ratio with a suitable stirrer, free of bubbles. Allow the mixture to rest for 10 minutes before use to allow any bubbles to escape. Then process within the pot life.

Application instructions:

For application we recommend our polyamide-rollers HP-L1016 (width 10cm) HP-L1017 (width 15cm) and HP-L1022 (width 25cm) or suitable varnishing brushes or surface brushes. Conventional varnishing rollers available in do-it-yourself superstores cannot be recommended due to bubble formation during application!

... Application on "fresh" epoxy laminate:

The HP-PUR-PLUS-TEXTUR can be applied directly to the fresh epoxy laminate (epoxy resins from HP-Textiles). For an optimal bond without intermediate sanding, the last layer of the underlying epoxy coating must not be older than 24h (at max. 20°C ambient temperature). A firm but still slightly sticky substrate is ideal. If the coating is applied after 24 hours, the entire substrate must be sanded, otherwise the adhesion may be too low.

... Spray application (industrial application):

	PUR-PLUS - resin -	PUR-PLUS - hardener -	HP-IMC-X - thinner -
Mix ratio (parts)	100	50	30-40

diameter spray nozzle:	1,4-1,8mm
spray pressure:	3 – 5 Atm
number of spray coats:	2 (recommended)
recommended layer thickness:	75µm (per layer)
consumption (theoretical):	1 litre mixture approx. 4-5m ² at 75µm
V.O.C. ready-to-spray product:	approx. 530 g/litre (max. 584g/litre)

Processing must only take place in a dry, well-ventilated environment.

Avoid condensation moisture. Lacquered surfaces must be protected from moisture for at least 24 hours, as this can interfere with curing.

Cleaning of work tools:

Unhardened product remains can be removed from tools by means of acetone. Tools should be given a good airing after being cleaned with these solvents, in order to prevent the solvent from being retained until the tool is used again in a process. Hardened remains can only be removed by mechanical means such as grinding tools.

Storage:

Store in a cool and dry place. Stir up well before using.
With optimal storage conditions in the original containers, shelf-life should be beyond 12 months.

Disposal:

Do not dispose of through the sewerage system, on areas of open water or in the soil.
The hardened product waste should be treated as building rubbish or household rubbish.

Further Information:

Further application-specific information can be requested or downloaded from our website. We would also be pleased to advise you by telephone.

The information in this product data sheet has been compiled to the best of our knowledge and is in accordance with our current state of knowledge. However, due to the large number of possible applications and the storage and processing conditions of our products which are beyond our control, we cannot accept any liability / guarantee for the processing result in individual cases. They neither obligate our company nor can they be a cause for complaints of any kind. We generally recommend preliminary tests.

With the publication of this data sheet all previous editions and resulting data become invalid.