

Technical Information (rev 06/2022BH)

## GRAVIHEL PUR SINGLE COAT 800 DTG

- Two-component single-layer coating intended for direct application on glass.
- It is intended for a wide variety of applications where we want to paint the back side of the glass surfaces: kitchen and bathroom glass surfaces, glass and partitions ...
- The coating can be made in a wide variety, both uni and effective shades.
- **VOC compliant**

SUBSTRATE PREPARATION	
	 <b>Glass Clean Pro</b> (Special Butoxy Ethanol / proprietary cleanser blend )

Typ of product: Acrylic Polyurethane  
 Appearance: Gloss

Delivery viscosity: Thixotropic  
 DIN 53211  $\Phi 4$  / 20°C

Density of component A: 1,4 – 1,565 kg/l

Solid content: By volume: 45%  
 By weight: 76%

VOC: 2004/42/II B(e)(840)550












EU limit value VOC for this type of product (category II B (e) in the form, which is ready for application is 840 g/l. VOC of this product, prepared for use is 550 g/l

Theoretical yield: 4 - 5 m<sup>2</sup> /lit.

Temperature stability: Short-term: up to 140°C  
 (dry temperature) Long-term: up to 80°C

Processing temperature: +10°C till max. +40°C, max.Humidity 75%

Color shades: GRAVIHEL Spectro for Solid / plus Std Metallic & Pearl Color swatches.

	Mixing ratio by Volume:	4:1 + 25% GRAVIHEL 2K SINGLE COAT HARDENER/ adjusted with Glass Adhesion Additive.
	Pot life of the mixture at 20°:	4 h
	Viscosity (RFU): DIN 53211 $\Phi$ 4 / 20°C	35 - 40 sec.
	Application with spray gun:	1,3 – 1,7 mm 2 – 3 bar
	Number of layers: Film thickness:	2 60 - 70 $\mu$ m
	Flash-off:	10 min. /20°C between coats
	Drying time:	Object temperature <b>at 20°C at 60°C</b>  Powder dry: 1 h - Dry to touch: 5 h - Dry to assembly: 8 - 10 h 30 min + 20 min./20°C Through dry: 24 h 30 min + 1 h/20°C
	Drying time (infra-red short-wave):	8 – 12 min. Distance to the object: 70 – 80 cm
	Application with Airmix:	10 - 15% <b>2K THINNER</b> Nozzle: 0,18 – 0,23 mm Pressure: 60 - 150 bar Flash-off between coats: <b>10 min. /20°C</b>
	Brush application:	Thinner is not needed!
	Shelf life:	2 years

FOR PROFESSIONAL USE ONLY - See Safety Data Sheet

2K materials react with humidity; take care that all containers and tools are absolutely dry. While coating, the ambient relative humidity should not exceed 80%.

The data may vary under various conditions.,

Any part of this information may change at any time without notice.

The information was derived from years of experience in the collaboration of Development and Technical Services and is the property of HELIOS Refinish.

We guarantee that the quality of work carried out according to our instructions delivers results while we disclaim any liability if any other products were used or if other factors influenced the final appearance.

The latest version of TDS supersedes all previous versions. You can obtain the latest version from general distributor in your country.

## PUR SINGLE COAT 800 DTG 800 – 011 DEEP MATT

- DIRECT TO GLASS APPLICATION
- DOES NOT FADE OR TURN YELLOW
- EXCELLENT PHYSICAL AND CHEMICAL RESISTANCE



### Crest Cormix Pty Ltd

ACN: 617 778 293

Fact 1/ 111 Lewis Road, Knoxfield, VIC 3180

Ph: +61 3 9887 0422 / Mob: 0406 434 610 (Brian)

[www.crestcormix.com.au](http://www.crestcormix.com.au)

[enquiries@crestcormix.com.au](mailto:enquiries@crestcormix.com.au)

