

BGP28 PURFINISH 2K UHS DTM

Description:

Two-component, polyurethane, primer enamel - semi-matt surface, anti-corrosion, meeting the requirements of the (VOC) Directive. Thick-coat, developed for optimal effect when painting steel structures in medium corrosivity class. Good adhesion to steel and aluminum surfaces. It is characterized by very high hardness and can be applied in one layer. The advantage of the product is high resistance to weather conditions and scratches.

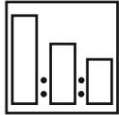
Flowability



App



Gloss



100 BGP28 PURFINISH 2K UHS DTM

10 CA072 ACRYCAT

For application purposes it can be used for:

25 RA001/002/003/004 ACRYTHINNER

Basic raw materials:

BGP28 PURFINISH 2K UHS DTM - polyol resins

CA072 ACRYCAT - aliphatic polyisocyanate resins



- | | |
|-------|----------------------|
| RA001 | - FAST reducer |
| RA002 | - STANDARD reducer |
| RA003 | - SLOW reducer |
| RA004 | - EXTRA SLOW reducer |

Special extras:

ACC01 ACCELERATOR - drying accelerator



Suitable substrate:

- VISTO brand preparation products
- Original finishes

Surface preparation:

Shot blasting SA 2.5, sand blasting

The ambient and substrate temperature should be 20°C

The paint temperature should be 20 C °

Dry sanding with P280 paper

After sanding, to clean the surface use -

ASSR Antistatic Silicon Remover - antistatic silicone remover



Spray gun nozzle and working pressure:

1.6-2.0 mm nozzle

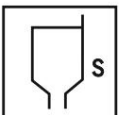
2-4 bar at the entrance
to the gun



App:

1 full layer

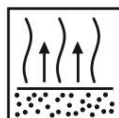
During application, the relative humidity must be below 85%



Spray viscosity:

30-60 s Ford cup no. 4 at 20 C °

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Evaporation time:

10 min


Stability after mixing:

3 hours at 20 °C

1.5 hours at 20 °C (FAST)


Drying time:

12 hours 20 °C

60 min. 60 °C


Infrared drying:

8-10 min

50-70cm distance

short waves


We recommend using appropriate personal protective equipment.

We recommend masks powered by air from a compressor

Spray gun nozzles and pressure:

	Nozzle size	Working pressure
HVLP gravity feed	1.6 - 2.0 mm	0.7 bar (at the head)
LVLP/HR gravity feed	1.6 - 2.0 mm	2-4 bar (at the inlet)
Diaphragm pump or pressure tank	1.4 - 1.6 mm	2.5 bar at the input to the gun
Airless spray Airmix or Airless	0.28-0.33mm	200-400 bar at the input to the gun

Coating thickness and performance:

Dry	Wet	Capacity m/L ²
160	250	4.1
120	200	5.5

The practical consumption of material depends on many factors, including: shape

Technical data:

Solids, (approx.) % by volume:	~~63% ± 2%
VOC content:	~~330 g/l

Drying:

	20 °C	60 °C
Evaporation time before drying		15 min
Dust-free	60 min	10 min
Possibility of manipulation	8 hours	30 minutes

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Attention:

After drying at 60 C and using an IR⁰ radiator, the object should be cooled to the ambient temperature before proceeding with further technological activities.
Drying times given for the recommended application and recommended object temperature.
The temperature of the object during drying cannot exceed 100 C.⁰

Polishing:

We do not polish.

Equipment cleaning:

object, surface roughness, application methods, working conditions, etc.
We recommend RC001 CLEANSOL thinner for washers and painting equipment

Volatile Organic Compounds (VOC):

The varnish meets the requirements of EU Directive 2004/42/CE of April 21, 2004, according to which the limit is 540 g/l of VOC from the ready-to-use mixture.
The VOC content for this ready-to-use product is a maximum of 370/l.

Storage:

Store the product tightly closed.
Avoid large temperature differences.
Storage temperature 15-20 C.⁰
Storage period 12 months.

Health and safety regulations:

For professional use only.
Check the product label.
The user of this product is obliged to comply with the law occupational health and safety and waste management regulations applicable in a given country.

FOR PROFESSIONAL USE ONLY:

IMPORTANT NOTE

The information and suggestions contained in this manual are based on our experience and research performed. We ensure that our products are of the highest quality.
We are not responsible for the impact of factors beyond our control on the final result. The customer is responsible for the appropriate selection of products for a specific situation and the conditions at its disposal.

Please refer to the BGP28 Safety Data Sheet