

Technical information (7/2016)

# GRAVIHEL PUR TOPCOAT 401 HIGH GLOSS (PUR - 401)

# GRAVI HEL

**Use:** A high-quality top coating with high weather, mechanical, chemical and UV protection, suitable for the most demanding exposure conditions.

The recommended ratio between the binder and the pastes is 80 : 20: If a superior hiding power is required, the quantity of pastes can be increased to a ratio of 75 : 25. All further information is provided based on the 80 : 20 ratio.

## Surface:

GraviHEL epoxy primer RAL

## Type of product:

Acryl - isocyanate

## Appearance:

High gloss

## Delivery viscosity:

DIN4 /20°C = 140 – 150s

## Density of component A:

1,0 – 1,084 kg/l

## Solid Content:

By volume: 50%

By weight: : 70%

## VOC:

2004/42/IIIB(d)(420)418

VOC ready to use (g/l)= max.418

## Theoretical yield:

9 - 10 m<sup>2</sup>/lit.

## Color shades:

GraviHEL Color Tools



**2:1 + 5-10%**

**GraviHEL 2K PUR hardener**

**GraviHEL 2K PUR thinner**

Volume mixing

Pot life / 20°C = 2h



18 – 20 sec.

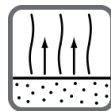
DIN 53211  $\Phi$  4mm/ 20°C



1,3 mm

2 - 3 bar (depending on type of gun)

2-3x = 50-60  $\mu$ m



Between coats: 10 min. /20°C



Powder dry/20°C =20 minutes

Dry to touch/20°C = 5h

60°C = 30 minutes



8 – 12 min. in the short-wave



0 - 5% **GraviHEL 2K PUR thinner**

0,23 – 0,33 mm

80 – 200 bar



Shelf life:

2 years

By lower application temperatures we recommend to use GraviHEL 2K PUR hardener FAST and GraviHEL 2K PUR thinner FAST.

To provide good levelling in summer months, we recommended to use GraviHEL 2K PUR hardener SLOW and GraviHEL 2K PUR thinner SLOW.