

Technical information (7/2016)

GRAVIHEL PUR SINGLE COAT 420 HIGH GLOSS (PUR SC - 420)

Use: Two-component single-layer coating with high weather and UV protection for long-term exposure. Used in the protection system for construction and agricultural machinery, rail vehicles, different steel constructions, and for industrial varnishing which requires a high level of mechanical, chemical and weather resistance. It is possible to use it on zink sheet plate, but it is obligatory to use GraviHEL 2K PUR single coat hardener - mixing ratio by volume 4:1.

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.

Type of product:

Acryl - isocyanate

Appearance:

High gloss

Delivery viscosity:

DIN4 /20°C = 140 – 170s

Density of component A:

1,325 – 1,483 kg/l

Solid Content:

By volume: 47%

By weight: 89%

VOC:

2004/42/II B(d)(420)300

VOC ready to use (g/l)= max.300

Theoretical yield:

5 - 6 m² /lit.

Color shades:

GraviHEL Color Tools



2:1 + 10-15%

GraviHEL 2K PUR hardener

GraviHEL thinner ESS

Volume mixing

Pot life / 20°C = 4h



18 – 20 sec.

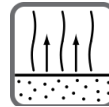
DIN 53211 Φ 4mm/ 20°C



1,3 – 1,7 mm

2 - 3 bar (depending on type of gun)

1 -2x = 70 - 90 μ m



Between coats: 10 min. /20°C



Powder dry/20°C =30 minutes

Dry to touch/20°C = 5 h

60°C = 30 minutes



8 – 12 min. in the short-wave



0 - 10%

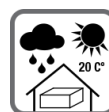
GraviHEL thinner ESS

0,23 – 0,33 mm

80 – 200 bar



Thinner is not needed!



Shelf life:

2 years