

Guiding Formulation No. P40W 9 001

SILIKOPHEN® P40/W– color: black

Corrosion-resistant coating for temperatures up to
500 °C/930 °F

1. mill base:	p.p.w.
Pos. 1 water	12.00
Pos. 2 butylglycol	1.00
Pos. 3 TEGO® Dispers 755 W ¹	3.00
Pos. 4 TEGO® Foamex K3 ²	0.80
Pos. 5 Aerosil R972 ³	1.00
Pos. 6 Printex L ⁴	1.20
Pos. 7 Bayferrox 303T ⁵	12.50
Pos. 8 Talkum IT extra ⁶	7.50
Pos. 9 Heucophos ZPO ⁷	5.00

grinding < 20µm

2.Let down:	p.p.w
Pos. 10 SILIKOPHEN® P40/W ⁸	56.00
Total	100.0

Procedure:

Charge Pos 1 and add under stirring Pos. 2 – 9. Grinding by ball mill until particle size is achieved. Then add Pos. 10 separately under stirring.

Theoretical solid content:	approx 55 %
Flash off time:	30 min
drying conditions:	30 min 250 °C
Dry film thickness:	20 – 25 µm

¹ Evonik Tego Chemie GmbH: pigment wetting and dispersing agent

² Evonik Tego Chemie GmbH: defoamer

³ Evonik: Antisettling

⁴ Evonik: carbon black

⁵ Bayer. heatstable, inorganic pigment

⁶ Norwegian Talc: talc

⁷ Heubach: active pigment

⁸ Evonik Tego Chemie Service: Silicone binder