

## Glossy white one-coat finish, based on Setal A F 681 TB

			<b>A</b>	<b>B</b>
	Raw Material	Supplier	% by wt.	% by wt.
<b>Mill base formulation</b>	1. Setal A F 681 TB	(1)	30.00	30.00
	2. White spirit D 60		10.00	10.00
	3. <b>Borchi® Gen 911</b>	(2)	2.60	2.60
	4. Kronos 2310	(3)	26.00	26.00
	5. <b>Borchi® Gol E2</b> , 50% in Solvesso 100	(2)	1.00	1.00
	6. <b>Octa-Soligen® Calcium 10, basic</b>	(2)	0.50	0.50
	<i>Dispersion: with Zr-Silicate grinding beads, under cooling, for 45 min. at 3500 rpm</i>			
<b>Let down</b>	7. Setal A F 681 TB	(1)	20.00	20.00
	8. White spirit D 60		7.80	7.82
	9. <b>Borchi® Gol OL 17</b> , 10% in xylene	(2)	1.00	1.00
	10. <b>Octa-Soligen® Zirconium 12</b>	(2)	0.50	—
	11. <b>Octa-Soligen® 69</b>	(2)	0.30	—
	12. <b>Borchi® OXY - Coat</b>	(2)	—	0.28
	13. <b>Borchi® Nox M2</b>	(2)	0.30	0.30
	Total		100.00	100.00
	<i>Add const. 7.-9. then the drier(s) and homogenize for about 5 min. Afterwards add Borchi® Nox M2.</i>			

### B – Cobalt-free formulation

<b>Data</b>	Solids content on application	approx. 66.5 %
	Binder content	approx. 37.5 %
	Pigment content	approx. 26 %
	Flow time, DIN 53211-cup 4 mm; at 23 °C	approx. 60 s

	<b>A</b>	<b>B</b>
<b>Data</b>		
Drying, (Drying recorder, 23 °C; 100 µm wet film thickness) after 24 h	9 h	5 h
Pendulum hardness (König method), DIN EN ISO 1522	after 24 h	18 s
	after 1 week	31 s
Gloss Gardner (20°/60° angle), DIN 67530 / ISO 2813 (after 7 days drying at room temperature)	75 / 90	78 / 91

- Suppliers**
- (1) Nuplex ([www.nuplex.com](http://www.nuplex.com))
  - (2) Borchers ([www.borchers.com](http://www.borchers.com))
  - (3) Kronos Titan ([www.kronostio2.com](http://www.kronostio2.com))

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**Borchers GmbH**

Berghausener Str. 100 / 40764 Langenfeld / Telephone: +49 (0) 2173 – 39 26 666  
 Fax: +49 (0) 2173 – 39 26 999 / Internet: [www.borchers.com](http://www.borchers.com) / E-Mail: [info.info@borchers.com](mailto:info.info@borchers.com)

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