

2K PU Clearcoat for Excellent Appearance and Wet-on-Wet Application

Borchi® Kat 2115 tin-free catalyst and Borchi® Gol LA 2 LC flow and leveling agent

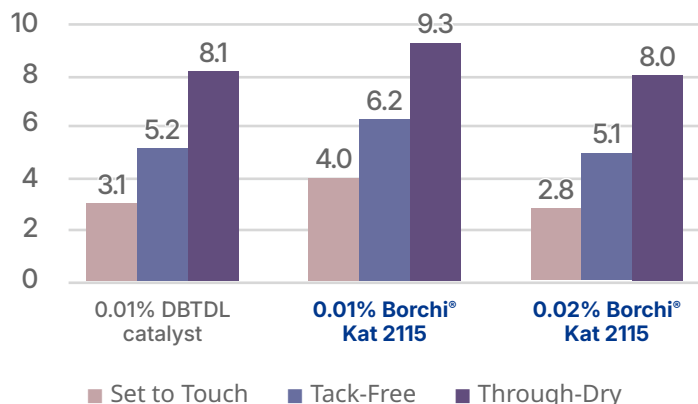
for automotive refinish spray applications



Tin-free, non-PFAS, and low-cyclosiloxane (<0.1%) additives designed to comply with evolving regulations

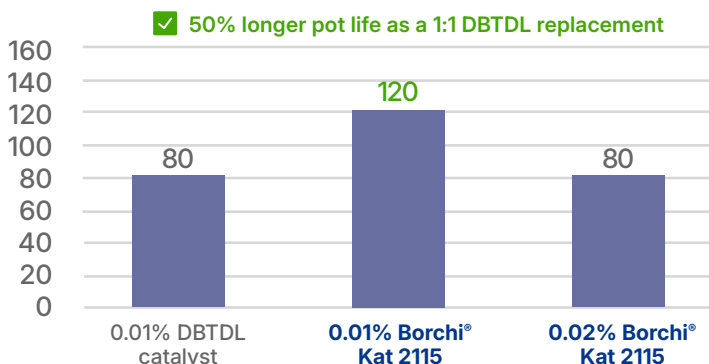
Optimal Dry Times with a Tin-Free Catalyst

Hours



Longer or Comparable Pot Life

Pot Life at RT (in minutes)



Enhanced Surface Quality even in Wet-on-Wet Application

Panels spray applied; DFT: 40 microns; Substrate: coil coating steel panels

No Basecoat



Competitive Formulation

No Basecoat



Borchi® Gol LA 2 LC*

Black Waterborne Basecoat



Borchi® Gol LA 2 LC*

Slip: 0.36
DOI: 85.0

Long Wave: 42.5
Short Wave: 46.5

Slip: 0.16
DOI: 95.6

Long Wave: 11.4
Short Wave: 1.4

Slip: 0.16
DOI: 97.0

Long Wave: 2.6
Short Wave: 4.3

✓ Better clarity and smoother finish

>50% slip reduction / 73-94% long wave reduction / >90% short wave reduction

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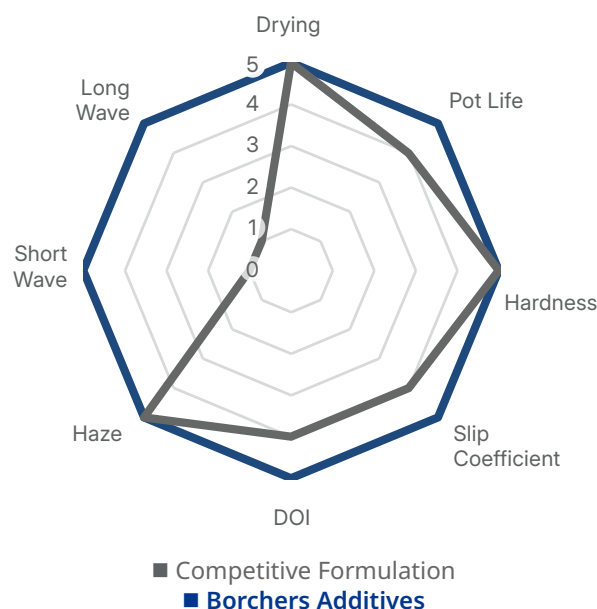


Component A

Material	Function	Supplier	% by Weight	
			Competitive Formulation	Borchers Additives
Setalux DA 870 BA	Acrylic Polyol	Allnex	53.50	53.50
Capa 3091	Caprolactone Polyol	Ingevity	5.94	5.94
Competitive Defoamer	Defoamer	—	0.79	—
Competitive Wetting Agent	Surface Additive	—	0.25	—
Xylene/Butyl Acetate/MPA (1:1:1)	Thinner	—	37.93	38.74
Dowanol DPnB	Co-solvent	—	1.50	1.40
DBTDL (10% in BA)	Catalyst	—	0.10	—
Borchi® Kat 2115 (10% in BA)	Catalyst	Milliken	—	0.10
Borchi® Gol LA 2 LC	Surface Additive	Milliken	—	0.23
Total			100%	100%

Performance Attributes

0=poor, 5=excellent



Component B

Material	Function	Supplier	% by Weight	
			Competitive Formulation	Borchers Additives
Desmodur Ultra N 3600	Hardener	Covestro	21.61	21.61
Xylene/Butyl Acetate/MPA (1:1:1)	Thinner	—	4.84	4.84
Total			26.45%	26.45%

VOC Content: 480 g/L
Solid Content: 51.6%
NCO:OH: 1.05
Viscosity DIN4: 16 seconds



For more information, please reach us at [borchers.com/contact](https://www.borchers.com/contact)

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