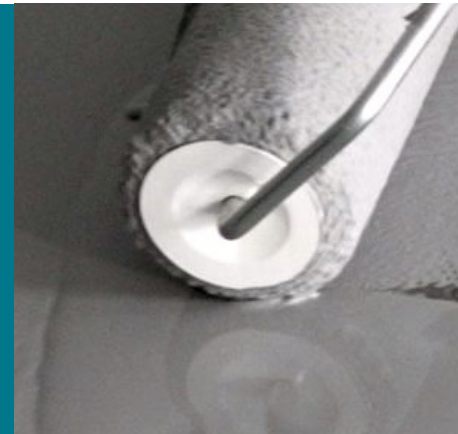


2K Waterborne Epoxy Roller Coatings for Enhanced Aesthetics on Concrete

with **Borchers** additives

Featuring a VOC-free, benzyl alcohol-free, and low amine epoxy resin and a ready-to-use epoxy dispersion



2K Waterborne Epoxy Roller Coatings for Concrete Floors

Ultra low-VOC: ~10g/L, Viscosity: 2000-2500 mPa.s (25° C)

Material	Function	Supplier	Dosage %	
			Epikote 257 Epoxy resin	Epi-Rez 3510-W-60 Epoxy dispersion
COMPONENT 1				
EPIKURE Curing Agent 8545-W-52	Curing Agent	Westlake	48.00	48.00
Deionized Water	Carrier	—	6.54	6.54
Borchers® AF 1171	Defoamer	Milliken	0.02	0.02
Borchi® Gen 0851	Dispersant	Milliken	0.30	0.30
Borchi® Gol LA 2 LC	Flow & Leveling	Milliken	0.02	0.02
Borchi® Gel A LA	Rheology Modifier	Milliken	1.50	1.50
Kronos 2310	Titanium Dioxide	Kronos	4.31	4.31
Blanc Fixe Micro	Barium Sulfate - filler	Venator	9.44	9.44
Quarzmehl SMF - Millisil W 12	Silica Filler	Quarzwerke	19.84	19.84
Bayferrox 316	Iron Oxide Black	Lanxess	0.45	0.45
Glimmer Mica N	Mica	—	1.88	1.88
DISPERSING FOR 30 MIN AT 3000 RPM				
Dowanol DPnB	Coalescing Agent	DOW	1.40	1.40
Deionized Water	Carrier	—	6.10	6.10
TOTAL			100.00	100.00
COMPONENT 2				
Epikote 257 <i>VOC- and Benzyl alcohol-free; Very low amine</i>	—	Westlake	28.50	—
Deionized Water	Carrier	—	7.50	—
MIXING AT 1000 RPM				
Epi-Rez 3510-W-60 <i>Ready emulsion, no extra steps</i>	Epoxy Dispersion	Westlake	—	29.00
TOTAL			36.00	29.00

Improved Storage Stability and Anti-Settling

with **Borchi® Gel A LA** rheology modifier

Better viscosity stability than bentonite control,
4 weeks at 40° C of stability testing



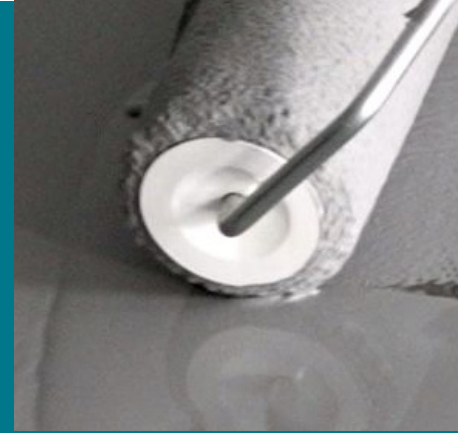
Bentonite Control
Instability after 48 hours

Borchi® Gel A LA
No separation or sedimentation after 4 weeks

2K Waterborne Epoxy Roller Coatings for Enhanced Aesthetics on Concrete

with **Borchers** additives

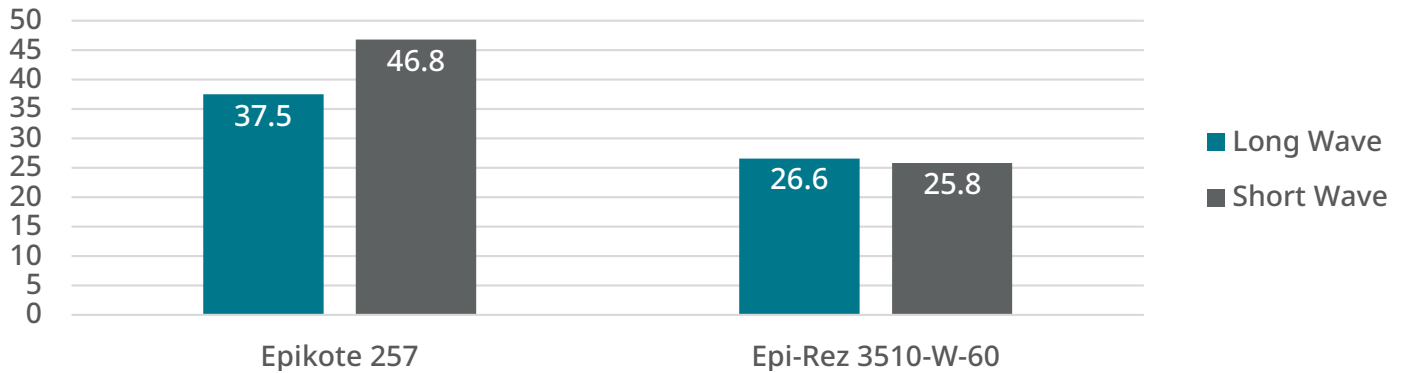
Featuring a VOC-free, benzyl alcohol-free, and low amine epoxy resin and a ready-to-use epoxy dispersion



Excellent Appearance without Surface Defects

with *Borchi® Gol LA 2 LC flow & leveling agent and Borchers® AF 1171 defoamer*

Favorable Long Wave and Short Wave Values Indicate Smoother Finishes



No Pinholes or Defects
Medium/Semi-Gloss measured at 60°



Gloss (60°): 61.7

Epikote 257



Gloss (60°): 64.8

Epi-Rez 3510-W-60



For more information, please reach us at borchers.com/contact

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing. Borchi is a trademark of Borchers Americas.