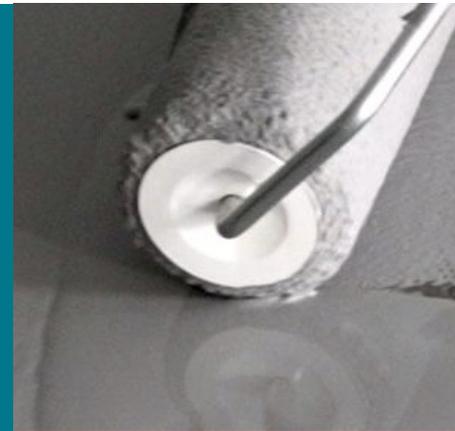


# 2K Waterborne Epoxy Roller Coatings for Enhanced Aesthetics on Concrete

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
<b>COMPONENT 1</b>				
EPIKURE Curing Agent 8545-W-52	Curing Agent	Westlake	48.00	48.00
Deionized Water	Carrier	—	6.54	6.54
<b>Borchers® AF 1171</b>	Defoamer	Milliken	0.02	0.02
<b>Borchi® Gen 0851</b>	Dispersant	Milliken	0.30	0.30
<b>Borchi® Gol LA 2 LC</b>	Flow & Leveling	Milliken	0.02	0.02
<b>Borchi® Gel 0800</b>	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
<b>DISPERSING FOR 30 MIN AT 3000 RPM</b>				
Dowanol DPnB	Coalescing Agent	DOW	1.40	1.40
Deionized Water	Carrier	—	6.10	6.10
<b>TOTAL</b>			<b>100.00</b>	<b>100.00</b>
<b>COMPONENT 2</b>				
Epikote 257 <i>VOC- and Benzyl alcohol-free; Very low amine</i>	—	Westlake	28.50	—
Deionized Water	Carrier	—	7.50	—
<b>MIXING AT 1000 RPM</b>				
Epi-Rez 3510-W-60 <i>Ready emulsion, no extra steps</i>	Epoxy Dispersion	Westlake	—	29.00
<b>TOTAL</b>			<b>36.00</b>	<b>29.00</b>

## Improved Storage Stability and Anti-Settling

with **Borchi® Gel 0800** rheology modifier

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



**Bentonite Control**  
*Instability after 48 hours*

**Borchi® Gel 0800**  
*No separation or sedimentation after 4 weeks*

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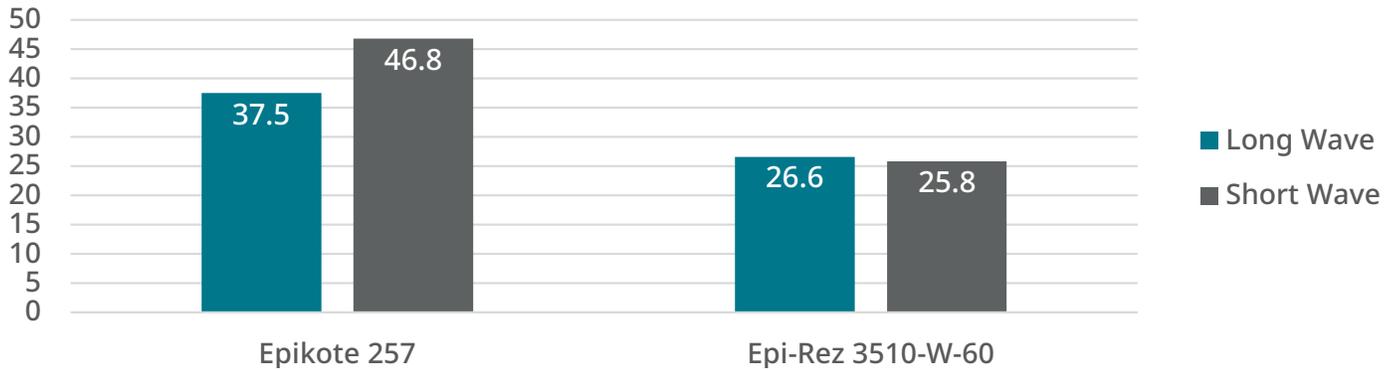
Featuring a VOC-free, benzyl alcohol-free, and low amine epoxy resin and a ready-to-use epoxy dispersion



## 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°



Epikote 257



Epi-Rez 3510-W-60



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