

Outstanding Hot Block Resistance in a High Gloss Alkyd Emulsion

with **Borchi® Gol LA 232** and **1570** flow and leveling agents

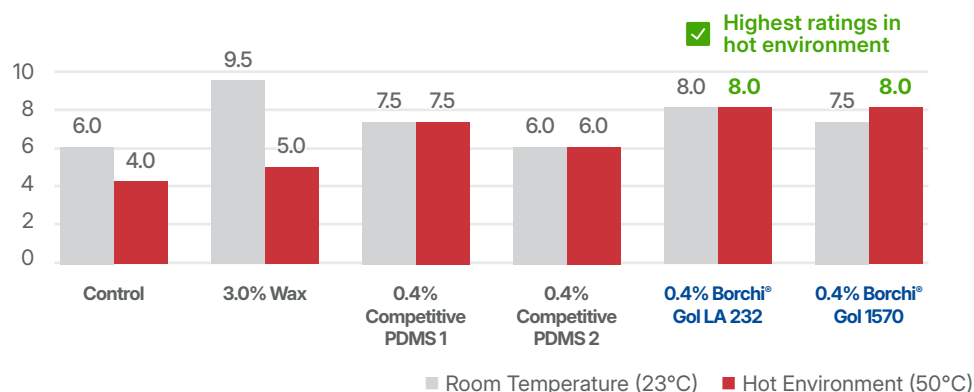
White coating for architectural applications



PDMS solutions for enhanced block resistance in low-VOC formulations that are prone to blocking in high temperatures

Consistently High Block Resistance Across Temperatures

Block resistance, 0-10 scale

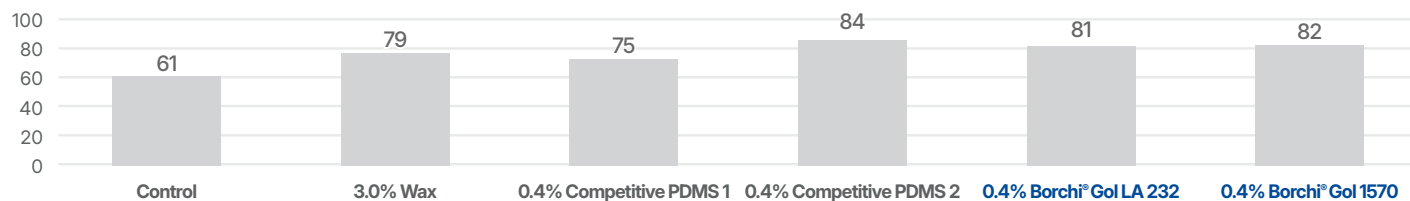


THE BLOCKING SCALE

- 0-3 Sealed - very poor
- 4-5 Tacky - fair
- 6-7 Slight tack - good
- 8-10 No tack - excellent

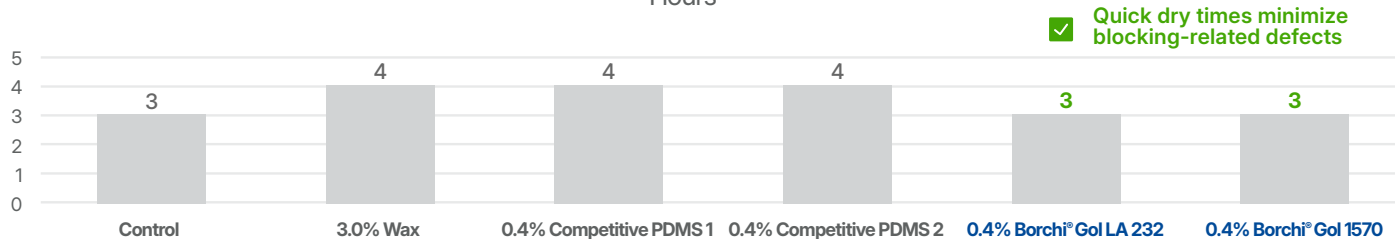
High Gloss Rating (over 80)

Gloss at 20°



Faster Through Dry Times

Hours



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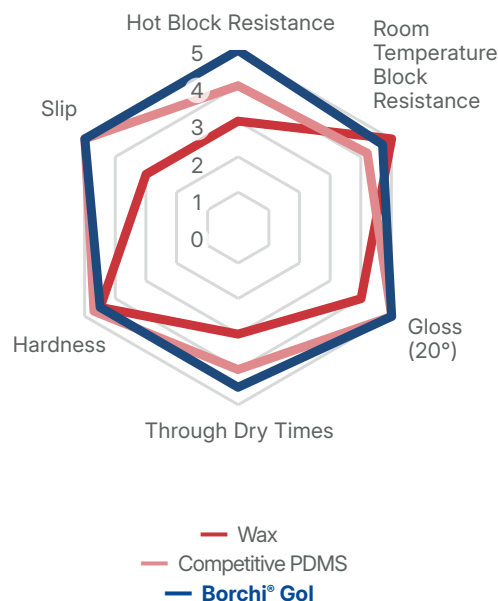
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Material	Function	Supplier	% by Weight		
			Wax	Com- petitive PDMS	Borchi® Gol
Water	—	—	14.35	14.35	14.35
Borchi® Gel 0434	Rheology Modifier	Milliken	2.50	2.50	2.50
Borchi® Gel 0625	Rheology Modifier	Milliken	0.70	0.70	0.70
Borchi® Gol 1375	Substrate Wetting Agent	Milliken	0.30	0.30	0.30
Borchi® Burst DFS 500	Defoamer	Milliken	0.30	0.30	0.30
AMP-95	Neutralization Additive	—	0.20	0.20	0.20
Borchi® Gen 1252	Wetting and Dispersing Agent	Milliken	0.75	0.75	0.75
Kronos 2190 (TMP-free)	TiO ₂ Pigment	Kronos	26.00	26.00	26.00
Uradil® AZ 760	Alkyd Emulsion (binder)	Covestro	54.40	54.40	54.40
Borchi® OXY-Coat 1101	High-Performance Catalyst	Milliken	0.20	0.20	0.20
Ascotran H10	Corrosion Inhibitor	Ascotec	0.20	0.20	0.20
Total:			100	100	100
Wax	Anti-Blocking Agent	—	3.00	—	—
Competitive PDMS 1 or Competitive PDMS 2	Flow and Leveling Agent	Competitor	—	0.40	—
Borchi® Gol LA 232 or Borchi® Gol 1570	Flow and Leveling Agent	Milliken	—	—	0.40

Performance Attributes

0 = poor, 5 = excellent



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