VELARA™

BIOPOLYMER RESIN SYSTEM DATA SHEET

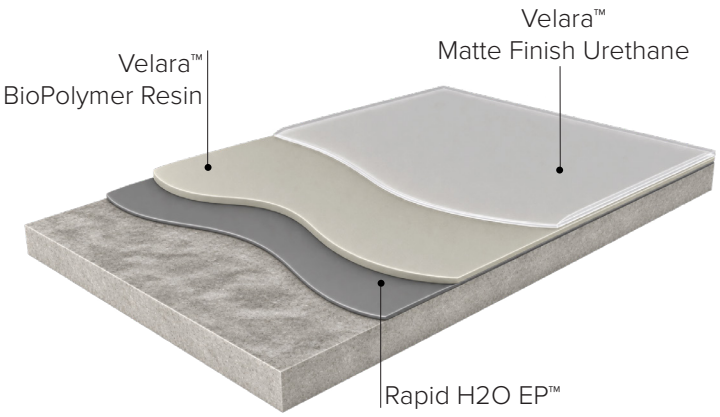
Velara™ is an innovative, self-leveling polyurethane flooring system designed for contemporary commercial and residential spaces. Featuring a 77% bio-based formulation, Velara delivers a seamless, resilient surface with exceptional aesthetics and performance. Its unique flexibility provides enhanced underfoot comfort and sound-dampening properties, making it ideal for environments where comfort and acoustics matter. With 100% solids, zero VOCs, and excellent UV stability, Velara combines environmentally responsible technology with long-lasting durability. Available in a wide range of colors and finishes, Velara offers exceptional design versatility for modern interiors. Velara meets the California Department of Public Health Standard Method V1.2 and qualifies for LEED credits under USGBC LEED v4/4.1.

Applications

- Hospitals
- Education
- Retail
- Hospitality
- Offices
- Residential

Features:

- Matte soft-touch finish
- Sound dampening
- Infinity customizable
- Zero VOCs, No-Odor
- 77% Bio-Based
- Ultra high-end-look



Colors & Finishes

Available in unlimited colors with multiple finish options ranging from solid color to architectural concrete and much more.

System Components

1. **Primer:** Resinwerks primer options including 100% solids or water based epoxy, vapor barrier epoxy or urethane cement.
2. **Velara™ BioPolymer:** 80 mils application of pigmented Velara BioPolymer. Applied with flat steel trowel. For varying effects: Dual color combinations, broadcasted, and suspended aggregates may be incorporated. Must be installed by professionally trained Resinwerks-certified installers only.
3. **Top Coat:** Finished with either Resinwerks Velara Matte Finish Urethane (2 coats) or HDC 100 Urethane.

	SYSTEM PERFORMANCE	
TEST TYPE	METHOD	RESULT
Tensile Strength	ASTM D638	748 psi
Water Absorption	ASTM D570	< 0.1%
Adhesion Pull-Off	ASTM D4541	+500 psi
Elongation	ASTM D638	100%
Flexibility 1/4" cylindrical mandrel	ASTM D522	Pass
Static COF - Wet	ANSI B101.1	>0.6
Dynamic COF - Wet	ANSI A326.3	>0.42
Impact Resistance	ASTM D2794	> 160 in-lb
Gloss Units @ 85°	ASTM D523	25*
Flammability	ASTM D635	self-extinguishing
Hardness Shore D	ASTM D2240	50-55
Taber Abrasion	ASTM D4060	16 mg loss** or 50 mg loss*

* Matte finish urethane
** HDC 100 urethane

For Professional Use Only
Please reference all product Technical Data and Safety Data Sheets prior to use. Mock-ups are strongly recommended to validate appearance and performance prior to use.

Sample Requests:
Please contact us at (720) 484-5160 to coordinate sample requests for your next project.

Check Us Out Online!

- specs
- product data
- color cards
- & more!

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RESINWERKS™
FLOOR COATING SYSTEMS