

EPIC PRODUCT RELEASE

Emmanuel Stratakis, CEO



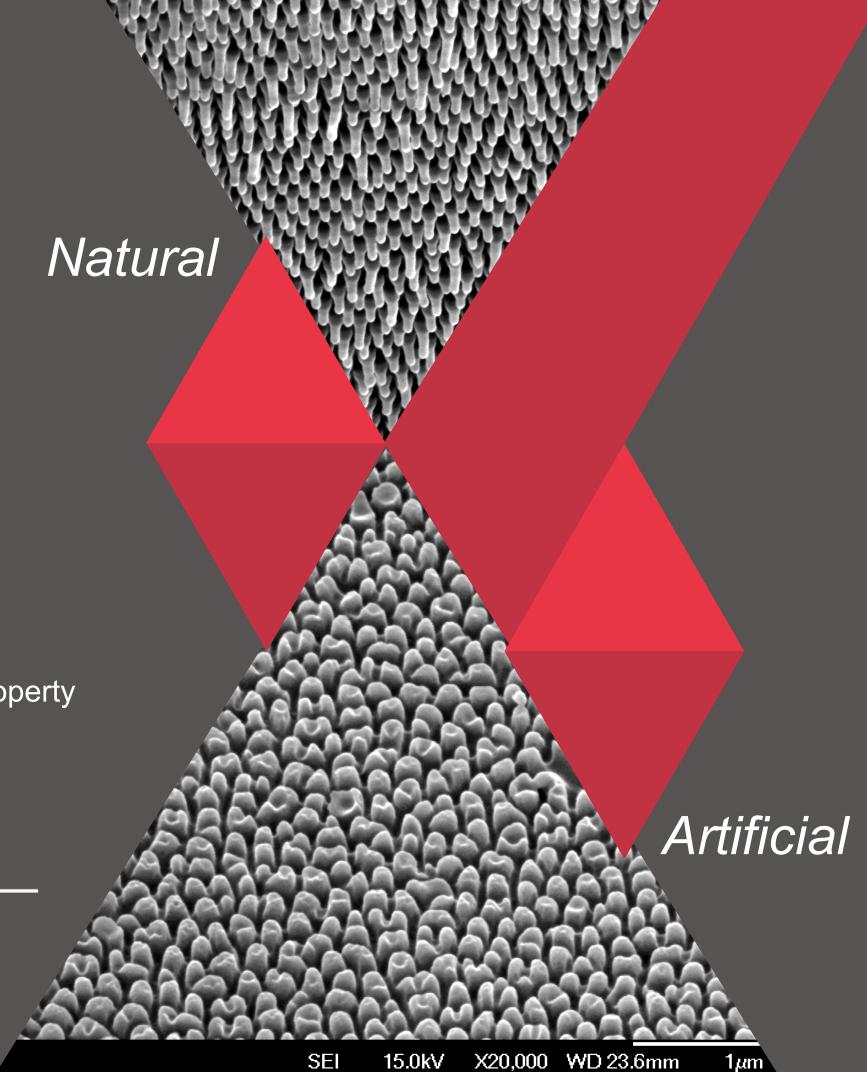
Tettix Anti-Reflective (AR) glass

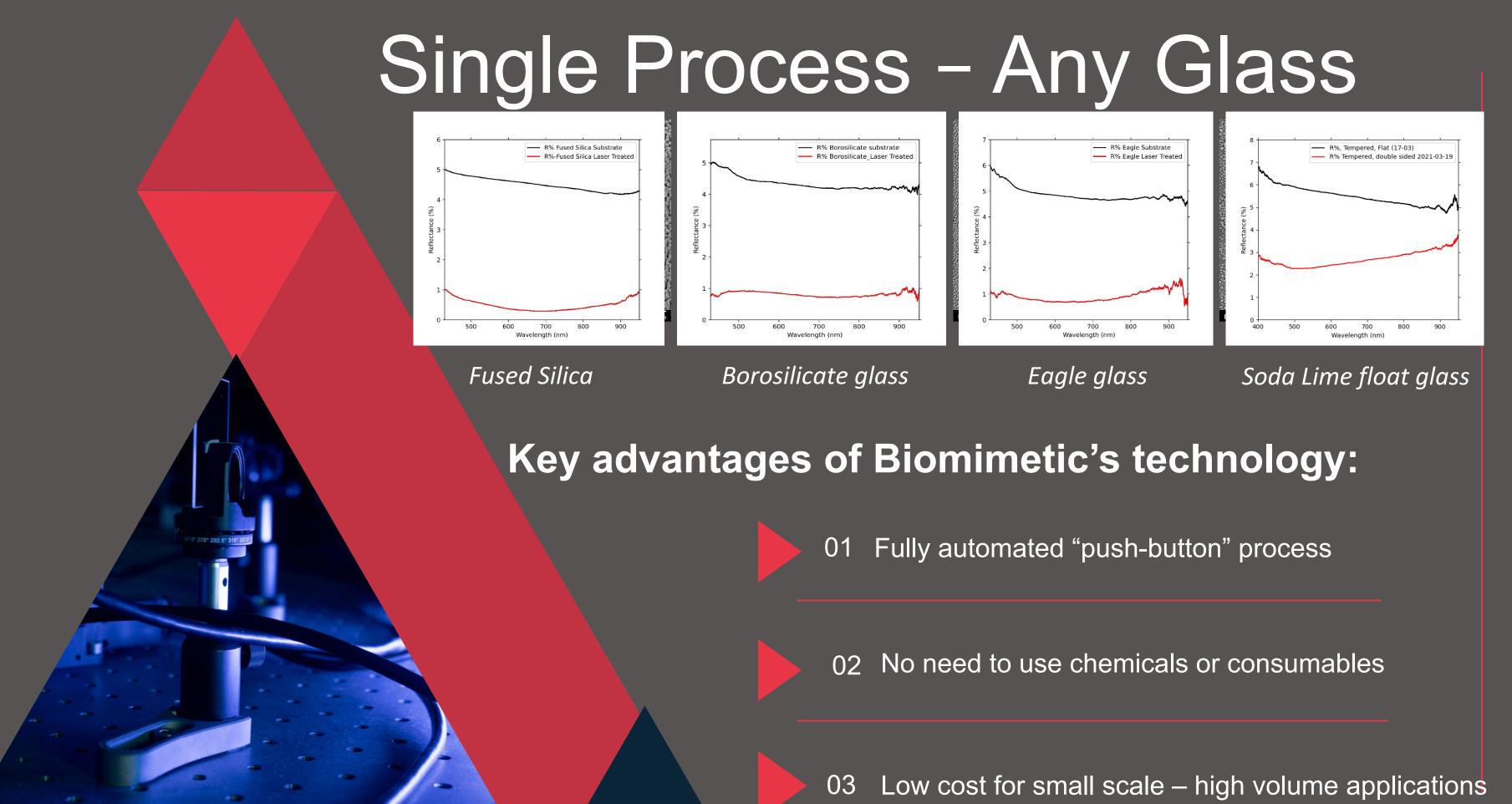
Tettix AR glass is produced by applying the biomimetic Tettix laser treatment that is configured to minimize surface reflection while enhancing its transmissivity over a wide spectrum and for various angles of incidence.

Combines high-performance Anti-Reflective with Anti-Glare property

Average reflection <1% for visible and IR

High transmittance for visible and IR





Use Case Optics

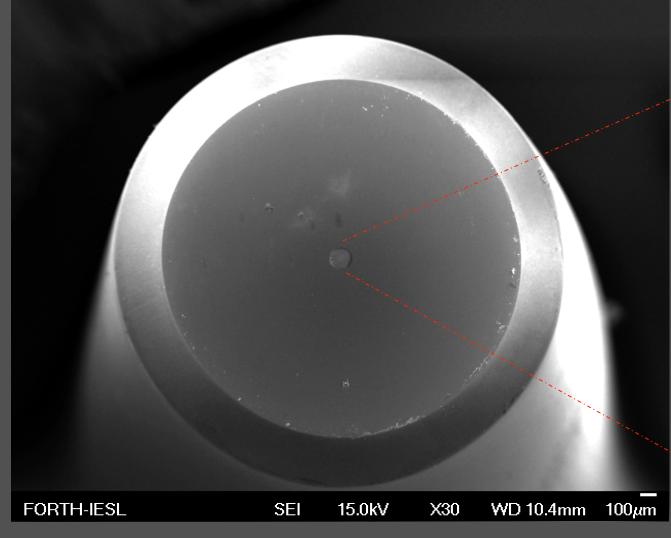
Fused Silica

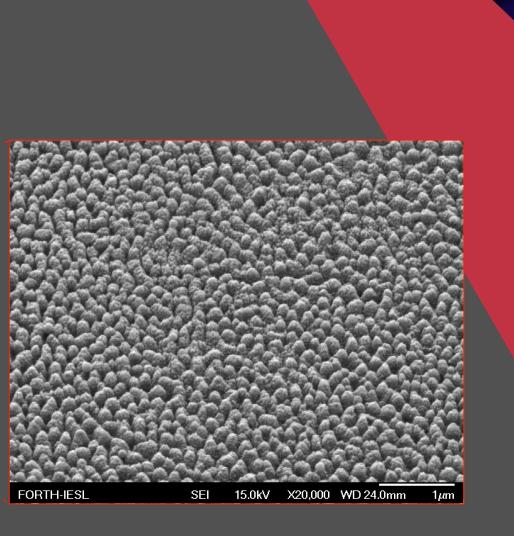
	Single Side (IR) *	Single Side (Vis) †	Double Side (IR) *	Double Side (Vis) †
Reflectivity	<2.6%	<2.9%	<0.5%	<1.0%
Transmittance	>96%	>94%	>98%	>98%
Ablation threshold	Expected as pristine	Expected as pristine	Expected as pristine	Expected as pristine
Scratching resistance‡	Low	Low	Low	Low
Haze	Tunable	Tunable	Tunable	Tunable
Size	Up to 24.5 x 24.5 cm			
Thickness	>700µm	>700µm	>700µm	>700µm

Haze tunability: 0.2 - 12.5

^{*} Infrared: 700 – 1000nm † Visible: 400 – 700nm ‡ Abrasion test: CS-8

Use Case Optical Fibers





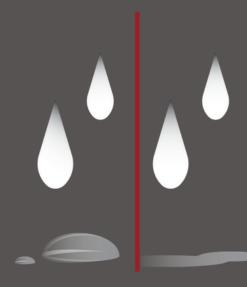
Tettix Anti-Fogging (AF) glass

Tettix AF glass combines anti-reflective with anti-fogging and superhydrophilic properties, showing reflectivity of less than 1% and a water contact angle of less than 10 degrees.

Tettix AF is the worlds' first anti-reflective/anti-fogging glass produced exclusively via a green laser texturing process, without using any chemicals.

Product Features

- Combines anti-reflective with anti-fogging and superhydrophilic propertie
- Tunable optical properties
- Water Contact Angle < 10°
- Push-button process
- Low-cost
- No chemicals and consumables
- Green process
- Glass independent process



Thank You

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"Nature's ingenuity on surface engineering"

