	Biopolymer Terrazzo	Cementitious Terrazzo
Binder Type	• Bio based polymer, Flexible • Recycled or natural aggregates like glass, marble chips, or other sustainable materials.	• Cement, Rigid • Aggregates are typically marble, granite, quartz, or glass chips.
Environmental Impact & Sustainability	• Low Carbon Footprint, less energy in production • Sustainable- Longer lifecycle, lower maintenance needs, and recyclable. • Red List Free, LEED and EPD Certified	• High carbon footprint, energy-intensive to produce and install • Less sustainable- high energy use, greenhouse gas emissions, and reliance on non-renewable resources.
Durability & Maintenance	• Highly Durable • Flexible, less likely to crack • Non-porous, requires less sealing, stain-resistant • Easy to maintain with regular cleaning	• Very Durable • Rigid, prone to crack. • Porous, requiring sealants to prevent stains • Requires more maintenance
Aesthetic & Customization	• Smooth, seamless surface for classic modern, minimalist designs. • Wide range of binder colours and aggregate options • Highly UV-Resistant, no fading and discoloration	• Traditional stone-like appearance for a classic, timeless look. • Various aggregates but limited colour options • Susceptible to UV-induced fading and discoloration

	Biopolymer Terrazzo	Cementitious Terrazzo
Slip Resistance	• Slip Resistance R9 and R11 as per design	• Slip Resistance R9 and R11 as per design
Thermal Properties	• Underfloor heating is possible • Heat transfer is better and quicker due to thickness	• Underfloor heating is possible • Heat transfer is slower and consumes more energy due to thickness
Sound Absorption	• Better sound absorption	• Hard and rigid surface, reflects sound
Installation	• Faster curing and installation, lightweight	• Slower curing and installation, heavier
Fire Rating	• Flame retardant	• Non-combustible