

Performance Advantages

High Hardness & Wear Resistance

Made with high-purity epoxy resin and hard aggregates like quartz sand, epoxy color sand self-leveling forms a dense composite with far better mechanical properties than ordinary epoxy flooring. It features high compression strength (over 80 MPa), excellent impact resistance and superior wear resistance (750 g/500 r ≤ 0.050g, 3× that of ordinary epoxy).
With hardness over Shore D 70 or pencil hardness 8H, it is scratch-resistant, durable for 20-30 years, and greatly reduces maintenance costs.

Dense & Seamless

Using self-leveling construction, it forms a seamless, hole-free integral floor. Dense and waterproof, it blocks moisture, oil, chemicals and bacteria, solving dirt and mold problems of traditional floors.It is dustproof, stainproof and easy to clean with water, meeting high cleanliness requirements for electronics, pharmaceutical and food industries.

Eco-friendly & Corrosion Resistant

High-quality epoxy color sand self-leveling uses a solvent-free, low-VOC eco-friendly formula, with harmful substances far below national standards. It is non-toxic and odorless after curing, meeting green building material requirements. It resists corrosion from 20% NaOH, acids, oils, and organic solvents without chalking or fading.With good thermal stability from -30℃ to 120℃ , it remains crack-free. Conductive components can be added for antistatic use in electronics and chemical industries.

Versatile Applications

Widely used in various public places

For hospitals and labs, its seamless surface resists bacteria and disinfectants.
For schools and gyms, it is scratch-resistant, crack-proof and low-maintenance.
In transport hubs, it withstands heavy loads and enables barrier-free access.