

## Technical Overview: Koris Capabilities as a Professional Custom Solid Surface Supplier for Global Distribution



**Jiangmen, Guangdong May 6, 2026 ([Issuewire.com](http://Issuewire.com))** - Are you seeking a surfacing material that seamlessly bridges the gap between ambitious architectural aesthetics and rigorous hygiene standards? Do you require a manufacturing partner capable of translating complex custom designs into scalable, high-performance interior solutions? For modern commercial and residential projects, finding a professional custom solid surface supplier that balances artistic versatility with industrial-grade durability is often the defining factor in a project's long-term success.

Solid surface materials—typically composed of alumina trihydrate (ATH), acrylic resins, and high-grade pigments—have revolutionized interior design by offering a non-porous, repairable, and visually seamless alternative to natural stone. As a professional custom solid surface supplier, [Koris](#) has spent 28 years refining the chemistry and fabrication of these composites. Since its inception in 1998, the company has expanded its footprint to over 30 countries, establishing a global reputation for technical reliability and aesthetic innovation.

### Integrated [Application Solutions](#) Across Specialized Sectors

The functional value of solid surfaces lies in their adaptability to demanding environments. In healthcare facilities, where hygiene is the primary technical requirement, the non-porous nature of these materials prevents the growth of bacteria and mold. Because the material is consistent throughout its thickness, it can be fabricated with inconspicuous seams, eliminating the crevices where pathogens typically accumulate. This makes it an ideal choice for laboratory countertops, surgical scrubbing stations, and hospital wall cladding.

In high-traffic commercial spaces, such as airports, hotels, and shopping malls, the durability of the material is tested daily. The ability to achieve seamless joining allows for the creation of expansive,

monolithic reception desks and public seating that appear carved from a single block of stone. Beyond aesthetics, the ease of maintenance—where scratches can be buffed out on-site without specialized machinery—ensures that public infrastructures maintain their original integrity for decades.

## Manufacturing Excellence and Scalable Production

The transition from a boutique workshop to a global industrial leader is supported by significant infrastructure. Operating out of a 36,000-square-meter facility, the manufacturing process utilizes automated production lines to ensure consistency in sheet thickness, pigment distribution, and structural density.

With an annual production capacity reaching 800,000 sheets, the facility is designed to handle high-volume global distribution without compromising on precision. This industrial scale allows for the production of varied formats, including the HW3824 big slab series, which is specifically engineered for large-scale countertop and wall applications. By controlling the entire production chain—from raw material sourcing to the final polishing stage—mechanical properties such as tensile strength and chemical resistance are kept within strict tolerances.

## Advanced Customization: R&D and Thermoforming Capabilities

Technical differentiation in the solid surface industry is often defined by Research and Development (R&D). One of the most significant challenges for designers is color consistency across different production batches. Advanced color-matching technology allows for the creation of bespoke palettes tailored to specific corporate identities or architectural themes, ensuring that a brand's aesthetic remains uniform across international locations.

Furthermore, the "solid" aspect of the material belies its flexible potential. Through controlled thermoforming—a process of heating the material until it becomes pliable—sheets can be molded into complex, organic curves and three-dimensional shapes. This capability enables the production of avant-garde furniture, curved wall partitions, and custom-shaped washbasins that would be impossible to achieve with traditional stone or laminate materials.

## Quality Assurance and International Compliance Standards

For a professional custom solid surface supplier to operate effectively in global markets, adherence to international safety and environmental standards is mandatory. The quality of surfacing materials is verified through a series of rigorous certifications that address both performance and health impacts.

- **NSF Certification:** Ensures the material is safe for direct food contact, making it suitable for commercial kitchens and dining areas.
- **CE and UL Marking:** Confirms compliance with European and North American safety, health, and environmental protection requirements.
- **RoHSCertification:** Ensures the absence of hazardous substances, reflecting a commitment to environmental responsibility and user safety.

## Global Distribution and Technical Support Infrastructure

Reliability in a global supply chain is measured by more than just product quality; it is defined by logistical efficiency. Maintaining a standard delivery cycle of 20 to 25 days, the distribution network is optimized to meet the tight schedules of international construction projects.

Beyond shipping, the service model includes a comprehensive technical support system for distributors and fabricators. This includes guidance on installation techniques, adhesive matching, and maintenance protocols. By providing specialized training and detailed technical documentation, the supplier ensures that the end installation reflects the engineered quality of the original material. This collaborative approach minimizes on-site errors and maximizes the lifespan of the interior installation.

### **Conclusion: Engineering the Future of Surfaces**

As architectural demands evolve toward more sustainable, hygienic, and customizable solutions, the role of specialized material science becomes increasingly vital. By combining nearly three decades of manufacturing expertise with a commitment to international quality standards, Koris continues to serve as a pivotal partner for designers and developers worldwide. Whether the requirement is for a high-performance medical facility or a bespoke commercial landmark, the focus remains on delivering reliable, high-performance space solutions.

For technical consultations or project inquiries regarding custom solid surface applications, professional support is available to assist in navigating material specifications and fabrication possibilities.

Visit the official website for more information: <https://www.koris-solidsurface.com/>



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