

SEAMLESS FLOOR SOLUTIONS
FOR ELECTRIC VEHICLE
MANUFACTURING FACILITIES



STONHARD[®]

MANUFACTURER AND INSTALLER OF SEAMLESS FLOORS, WALLS AND LININGS

A wide-angle photograph of a large industrial facility, likely an automotive plant. The floor is highly reflective, showing bright highlights from overhead lights. The background is filled with a complex network of pipes, metal structures, and scaffolding. A worker in a high-visibility vest is visible in the distance. A dark blue banner with white text is overlaid on the upper left portion of the image.

A UNIQUE SOLUTION FOR
EVERY AREA OF YOUR
AUTOMOTIVE FACILITY



PRODUCTION AREA

AN INNOVATIVE INDUSTRY DEMANDS AN INNOVATIVE SEAMLESS SOLUTION

The rapid growth within the electric vehicle sector requires businesses to invest in the right products to maintain a safe and efficiently managed facility. Floors, walls and linings can influence operations by delivering on long-term performance.



BENEFITS AT A GLANCE

- Increased Durability
- Increased Chemical and Stain Resistance
- Increased Slip and Abrasion Resistance
- Sound-Absorbing Properties
- Thermal Shock Resistance
- Static Control and ESD Properties
- Low VOCs
- Spark-Proof Properties

WHY CHOOSE STONHARD?

Stonhard's industry-wide reputation is built on solving problems for its customers. We are your partner and advocate, delivering solutions, covering both products and installation. From the start of your project to its finish, from specifications and design to project management and final walk through, you work with us directly. We remain your trusted partner today and for decades to come.



PRODUCTION AREA



OUR SEAMLESS SOLUTIONS ARE TAILORED TO YOUR MANUFACTURING PROCESS

DURABILITY

Durability is an essential flooring feature in any automotive production site simply due to vehicles and heavy equipment. Stonhard floors provide high-compressive strength and impact resistance, engineered with constant foot and wheeled traffic in mind.

HYGIENIC SOLUTIONS

Seamless floors without a texture are inherently sanitary and protect against bacteria as no dirt and grime remain after a simple clean-up procedure. Stonhard floors also have low VOC properties, ensuring a healthy environment while saving time and money.

NOISE REDUCTION

Noise-reducing floors help absorb some of the sound waves that are transmitted when objects come in contact with the surface. This feature is beneficial as it reduces the amplification of sounds which result in a distracting and uncomfortable acoustic environment in areas such as welding and testing.

SPARK PROOF FLOORS

On standard floors, it is very easy to build up static charge through friction. Stonhard's ESD floors, also known as static dissipative floors, provide superior static control utilizing carbon-filled primers which protect personnel and equipment from sparks, shocks and explosions.

THERMAL SHOCK RESISTANT

Stonhard solutions include thermal shock and cycling-resistant floors which stand up to extreme temperatures and extreme changes in temperature. This is a beneficial feature for your EV manufacturing facility as it can prevent cracking of the floor and provide optimal working conditions.







CORRIDOR
Stonglaze

WALL SYSTEMS WITH SMOOTH FINISH

Smooth and seamless, our wall systems resist splashes, spills, fumes, and abrasion. These formulations can be applied over concrete, block, cement board or drywall and are expressly designed for sanitary environments. Expert formulations offer huge returns on investment in automotive battery manufacturing facilities as they provide no room for particles to bond and create a spark, offering a complete hygienic and seamless experience.



PACKAGING & DISTRIBUTION
Stonchem



MANUFACTURING
Stonclad

STONHARD LINING SYSTEMS

Stonhard's high-performing resin chemistries provide exceptional lining protection for ultra-corrosive environments and perform under extreme physical conditions. Our lining systems have excellent resistance to concentrated sulfuric acids, hydrofluoric acid, chlorinated solvents and caustics, as well as oxidizers such as concentrated nitric and chromic acid.



FLOORING SOLUTIONS FOR BATTERY MANUFACTURING

The battery is the defining component of an electric vehicle. During the cell manufacturing and battery production stage, the right floor can be a critical aspect of ensuring the long-term success of your facility's floor.

Stonhard provides flooring solutions for battery and cell assembly at every stage. We offer abrasion-resistant floors for tab welding areas, ESD floors for EoL testing and electrolyte filling areas, as well as ergonomic floors for packaging. Our team will assist you in choosing the best floor for your environment.

SUSTAINABILITY AND THE FUTURE IS PART OF OUR COMMITMENT TO YOU

Earth is the one thing we all have in common and the greatest threat to our planet is the belief that someone else will save it. Unlike many other flooring products, epoxy floors become a part of your building's structure, so they won't end up in a landfill after their long life or when a change is desired. Our Research and Development teams are always working diligently behind the scenes to integrate sustainability into all our products and projects.

At Stonhard, we utilize sustainable and rapidly renewable materials to ensure we're doing our part in maintaining a healthy environment. Flooring solutions like Stonclad GR are produced with 25% recycled glass fillers whereas Stonclad G2 and Stonblend GSI-G utilize recycled glass and plant-based resins. Our floors can also be considered eco-friendly based on the disposal of the materials upon replacement. Unlike many other products, seamless floors are part of the building's structure and make them an optimal choice for electric vehicle manufacturing plants.

BENEFITS AT A GLANCE

- Making a commitment to a healthier planet
- Meeting regulations and low-emissions criteria
- Promoting the use of recycled or renewable materials

We are also proud members of the US Green Building Council and will work with you to reduce your carbon footprint and achieve your LEED certification.





WE ARE YOUR SINGLE POINT OF CONTACT WITH AN INDUSTRY-LEADING REPUTATION YOU CAN TRUST

RELATIONSHIPS

Our partnership approach and the direct sales force will provide you with an easily accessible single point of contact. Think of our local Territory Manager and our Architectural, Design and Engineering group as your product, technical experts, and project managers, taking you from product selection to final walk through. Stonhard also offers extensive resources and global account teams, working collectively with you to bring long-term solutions.

RESPONSIBILITY

Our broad range of high-performance GMP-compliant products and processes are designed to handle the most demanding battery manufacturing and automotive environments and are vetted for stringent safety protocols. Our installation crews are PPE compliant, strictly adhere to site safety documentation, and work with other trades to meet your schedule. We are real-time problem solvers, ISO 9001-certified, and take responsibility for products and installation.

REPUTATION

We understand that you rely on industry partners you can trust for your facilities. Stonhard is proud of its renowned reputation and highly personalized approach to communication and service. We have cultivated dependable, professional relationships with clients who operate in some of the most demanding of environments. With more than a century of technical engineering, real-time problem solving, and installation experience, there's no challenge we can't handle.



THE STONHARD DIFFERENCE

More than a century solving customers' problems, one point of contact, direct sales with complete design support, project management, technical support and global accounts. No matter where you are in the world, the end result is the same - consistent products and installation.



STONHARD®



STONHARD.COM
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