



Parking Structures Repair Solutions Portfolio





Creating better parking structures

Whether you own, repair or design parking structures, the ultimate goal is to create a parking structure that is functional and safe. Parking garage owners and patrons depend on the reliability of their parking structure. Downtime in a garage means a loss of income for owners, surrounding businesses, and an inconvenience for garage customers. The challenges lie in finding solutions that keep parking structures operational, and when they need repair, return them to service as quickly as possible.

Compatible systems for success

The key to success is utilizing a system of products designed to work together to create the most effective rehabilitation and protection solutions. Our expansive product offering has been developed to provide a solution to every challenge. From deck membranes to waterproofing, joint sealants to concrete repair, compatible products and systems from Master Builders Solutions are tried and tested. Our wide variety of products helps protect new structures and return existing structures to virtually new condition.

Protection for what really matters

Creating a safe environment for patrons is essential. Not only can Master Builders Solutions help you to create stronger structures through concrete repair and strengthening, but our light reflective coatings maximize light resources without the use of extra energy. Master Builders Solutions repair materials work to eliminate tripping hazards, and deck coatings create non-slip waterproof surfaces. The safer your customers feel in your structure, the more likely they are to return. A well maintained garage increases the life span and profitability of your parking structure.

Mix and match deck coatings

MasterSeal deck coatings can be mixed and matched to create the ideal system for your parking repair project. Master Builders Solutions can help you select the perfect combination of one and two part technology, utilizing polyurethane, epoxy and methacrylate chemistry to meet a diverse range of project requirements from speed, cost, schedule and durability.

The bottom line: Effective results with minimal cost and downtime

The bottom line is that proven products, technologies, systems and strategies speed jobsite operations and create cost savings for everyone involved in a new construction or restoration project. Finding the right solution to reduce labor and material costs while providing a proper repair creates long term cost savings and less downtime. Less facility downtime equals increased revenue.





Parking Structures

Knowledge, expertise and product solutions to protect and improve parking structures

The Importance of Parking

Parking structures are valuable assets to facility owners and communities. They are a critical component of urban development. Parking structures are central to the creation of vibrant communities, commerce and quality of life. For facility owners, parking structures are important revenue generating assets.

When the Elements Prevail

Parking structures are unique in that their structural components are often exposed to the elements. Structures are subject to a wide range of adverse conditions, such as wind, rain, snow, deicing salts, oil and gas spills and pollution that all accelerate deterioration. Vehicular traffic creates obvious wear and tear in driving, parking and turn lanes. Left unprotected these conditions can lead to more destructive damage. Each parking structure has its own set of difficult environmental, structural and design conditions that cause the life of a parking structure to vary greatly.

The Devastation of Corrosion

Damage to parking structures can lead to devastating corrosion, the result of moisture and chloride ion ingress. When concrete cracks, water, salt and other chemicals make their way to the rebar. When this happens, the steel is turned to iron oxide, better known as rust. Once this process is initiated, the remaining steel is thinner, weaker and more unstable. This instability leads to spalling and delamination of the concrete elements.

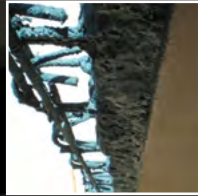
Damage to parking structures can result in lost revenue and increase risk of injury or harm to people using the structure. Weakened structures become less valuable, less attractive and more vulnerable to future damage. Ensuring lasting restoration requires identifying the underlying source of deterioration and correcting the root cause.

Develop an Effective Repair Strategy

Master Builders Solutions can help you reestablish the value of your parking structure by developing a comprehensive repair and protection strategy addressing both superficial and structural deficiencies. Our approach begins by understanding the long-term objectives. With our broad product offering and wide range of chemistries, we are able to think and act in ways others cannot, always reaching for the strongest solutions.

Connecting Knowledge and Expertise

Master Builders Solutions Parking Specialists join with design professionals and contractors to solve challenges by bringing our unique knowledge, experience and insight to the project. They are able to understand the relationship between various chemistries, how they relate to one another and how they function together to protect and improve parking structures.



Repair and Protect

Deck Membranes and Overlays

- Protect from harsh environments
- Weatherproof and beautify
- Designed for quick turnaround and durability

Water Repellents

- Seal and protect from moisture and chloride ion intrusion
- Protect from de-icing salts
- Maintain original appearance

Concrete Repair

- Preserve, repair and restore concrete
- Rapid setting technologies
- Mortars, primers and bonding agents

Corrosion Inhibitors

- Halt electrochemical corrosion or loss of alkalinity
- Prevent spalling and delamination
- Protect from future deterioration

Concrete Strengthening

- Strengthen beams, slabs, walls and columns
- Increase structural integrity and safety
- Deliver versatility, ease of application and long term performance

Joint Sealants

- Weatherproof and protect against extreme conditions
- Self leveling and slope grade
- Bond to a variety of substrates

Protective and Light Reflective Coatings

- High light reflectivity rating for added light and security
- Waterproof protection to increase durability
- Crack bridging lowers need for maintenance
- Increased use by enhancing aesthetics

It takes commitment, vision and people you can count on >>

A Legacy of Innovation

Master Builders Solutions is focused on the needs of parking industry professionals. Countless "firsts" and innovations have led the industry. Master Builders Solutions continues to invest in people, research, state of the art processes and forward thinking to solve the parking restoration challenges ahead.

Experience

When you need support, we're your trusted advisor. Master Builders Solutions Parking Specialists represent some of the most knowledgeable and authoritative professionals in the parking industry. Master Builders Solutions continues to recruit, attract and develop professionals with world-class expertise.

Industry Advocacy

Utilizing our formidable influence and resources, we reach out to advance the parking industry through associations and by building alliances. Around the world, Master Builders Solutions is actively involved in reshaping the way we protect parking structures by providing innovative products to customer who are, in turn, building better parking structures.

Technological Advancements

From solving significant industry problems such as cracking in concrete, sealant adhesion, moisture and corrosion management, to innovating high performance materials from renewable resources, our investment in research advances technologies and methodologies.

Word-class Expertise

Highly experienced and passionate about what they do, Master Builders Solutions technical professionals are considered among the most knowledgeable parking restoration experts in the industry. From sales through technical service, the Master Builders Solutions support network of experts can become your most valuable parking restoration resource.



Leading industry training program

Master Builders Solutions' Parking Applicator Training program is the leading industry training program, combining real job site application instruction with the latest methods and techniques to improve project production, site safety and profitability.

Cutting edge knowledge

Attendees receive in-depth instruction on the various technologies and chemistries used to protect and improve parking structures. Knowledge is then applied through hands-on application instruction on an actual parking structure. Master Builders Solutions parking experts share techniques and tips that improve the installation of materials and systems, resulting in longer lasting, higher quality repairs.

- Technologies and chemistry
- Proper system selection
- Installation techniques
- Preventing failures and solving problems
- Job site quality control
- Networking with other industry professionals

Advancing the parking industry

Parking structures are a vital part of development and contribute to quality of life in our communities. Protecting and improving parking structures brings value to facility owners and customers alike. Methods and techniques acquired as a result of attending the Master Builders Solutions Parking Applicator Training improve the quality and durability of repairs. The result is parking structures that are safer, more attractive and profitable.



Master Builders Solutions

The Master Builders Solutions brand brings all of MBCC Groups expertise together to create chemical solutions for new construction, maintenance, repair and renovation of structures. Master Builders Solutions is built on the experience gained from more than a century in the construction industry.

The know-how and experience of a global community of MBCC Group construction experts form the core of Master Builders Solutions. We combine the right elements from our portfolio to solve your specific construction challenges. We collaborate across areas

of expertise and regions and draw on the experience gained from countless construction projects worldwide. We leverage global MBCC Group technologies, as well as our in-depth knowledge of local building needs, to develop innovations that help make you more successful and drive sustainable construction. The comprehensive portfolio under the Master Builders Solutions brand encompasses concrete admixtures, cement additives, chemical solutions for underground construction, waterproofing solutions, sealants, concrete repair and protection solutions, performance grouts and performance flooring solutions.

Master Builders Solutions products for the Construction Industry:

MasterAir®

Solutions for air-entrained concrete

MasterBrace®

Solutions for concrete strengthening

MasterCast®

Solutions for manufactured concrete product industry

MasterCem®

Solutions for cement manufacture

MasterEmaco®

Solutions for concrete repair

MasterFinish®

Solutions for formwork treatment

MasterFlow®

Solutions for precision grouting

MasterFiber®

Comprehensive solutions for fiber reinforced concrete

MasterGlenium®

Solutions for high-performance concrete

MasterInject®

Solutions for concrete injection

MasterKure®

Solutions for concrete curing

MasterLife®

Solutions for enhanced durability

MasterMatrix®

Advanced rheology control solutions for self-consolidating concrete

MasterPel®

Solutions for water tight concrete

MasterPolyheed®

Solutions for high-performance concrete

MasterPozzolith®

Solutions for water-reduced concrete

MasterProtect®

Solutions for concrete protection

MasterRheobuild®

Solutions for super-plasticized concrete

MasterRoc®

Solutions for underground construction

MasterSeal®

Solutions for waterproofing and sealing

MasterSet®

Solutions for retardation control

MasterSure®

Solutions for workability control

MasterTop®

Solutions for industrial and commercial floors

Ucrete®

Flooring solutions for harsh environments

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