



MasterProtect[®] HB 200LR

Highly Reflective, Water-Based,
Acrylic Coating for the
Interior of Parking Structures





Master Builders Solutions

Shedding Light on Customer Satisfaction

MasterProtect HC 200 LR is a highly reflective, water-based, acrylic coating for the interior of parking structures. It significantly improves upon the reflectance of bare concrete by reflecting more light. The brightness created by this reflectance discourages criminal activity and instills a greater sense of safety in patrons of parking structures.

Customer Satisfaction

Property crimes and assaults on parking garage property is a serious consideration for property owners who are looking for ways to minimize their exposure to liability. The safer customers feel, the more likely they are to return. By virtue of its ability to reflect 88% visible light, MasterProtect HB 200LR can significantly brighten a parking garage. The uniformly bright appearance of MasterProtect HB

200LR leaves the customer with the impression that this is a prestigious, clean, well maintained facility worthy of their continued patronage. Customers gravitate to facilities where they feel their vehicles will be protected from mischief and their personal safety is assured. A well maintained garage can mean securing customer loyalty and increasing profitability of your parking structure.



Before



After



Energy Savings

MasterProtect HB 200LR, when applied to ceilings, beams, walls and columns, can be an important part of a systematic approach to lowering your energy costs*. After MasterProtect HB 200LR is applied, parking garage owners will find that they can achieve the same relative brightness as before with a limited number of lighting fixtures or through a reduction in wattage associated with the fixtures.

Calculating your savings

- Using an average U.S. cents / kilowatt hour for commercial structures of 10.33¢** the following example shows how MasterProtect HB 200LR could cut energy usage:
- 500 – 40 watt light sources running continuously for 365 days yield an energy cost of \$18,098.
- With an improvement in illumination through the use of MasterProtect HB 200LR, an owner determines they could reduce the number of light sources by 35% to achieve the same illumination as before, reducing the annual energy costs by \$6,334.
- Check with your local BASF Parking Specialist for help in determining energy demand of your lighting sources and how MasterProtect HB 200LR may contribute to energy savings. Have a sample applied to your facility and determine for yourself the attractiveness and increase in brightness that MasterProtect HB 200LR provides.

Quality and Proven Performance

MasterProtect HB 200LR has been meeting the needs of the parking garage market since 1992. MasterProtect HB 200LR is a purposely formulated, high-build, 100% acrylic coating that is pre-tinted at the factory to ensure color uniformity.

MasterProtect HB 200LR's formulation eliminates the need to apply multiple coats to achieve opacity and color uniformity, lowering labor costs and quickly returning your structure to service.

Industry Leading Solutions and Expertise

With an extensive line of solutions including deck coatings, split slab waterproofing, water repellents, wall coatings, joint sealants, repair mortars, grouts and expansion joints, BASF has been a leading solution provider in the parking sector for decades. Backed by an industry leading team of Parking Specialists, BASF is positioned to help you be more successful.

*Lighting economy can be maximized through the use of MasterProtect HB 200LR, and an analysis of the illuminance, efficacy, efficiency and photometric distribution of the light source that best suits the geometry of each area. Signage, piping and conduit congestion can interfere with the reflectance of MasterProtect HB 200LR and their combined effect should be taken into consideration.

**Source: U.S. Energy Information Administration, Form EIA-826, "Monthly Electric Sales and Revenue Report with State Distributions Report."



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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