



# MasterProtect<sup>®</sup> HB 200LR

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





# Master Builders Solutions

## Shedding Light on Customer Satisfaction

MasterProtect HB 200 LR is a highly reflective, water-based, acrylic coating for the interior of parking structures, which enables concrete to reflect more light. The brightness created 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.





### Enhance Building Durability

MasterProtect HB 200LR creates an effective carbon dioxide diffusion barrier that protects embedded steel from corrosion. Two coats of MasterProtect HB 200LR provide the equivalent protection of 18 inches of concrete. This enhanced protection provides increased structure condition and life span.

### 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.

ICON	IMPACT	SAVINGS
	<b>Energy</b>	35% reduction of light sources
	<b>Durability</b>	18" of concrete equivalent protection

*\*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 from BASF

The Master Builders Solutions brand brings all of BASF's 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 BASF 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 BASF 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, performance flooring solutions.

## Master Builders Solutions products from BASF 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

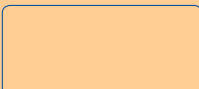
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