



MasterProtect[®] Acrylic Coatings

Product
Selector Guide



A brand of
MBCC GROUP

	PRODUCT	DESCRIPTION	COLOR	TEXTURE	THICKNESS PER COAT	E 96 PERMS (WET CUP)	COVERAGE**	SUBSTRATES	TITAN EQUIPMENT	DRY TIME*	ADVANTAGES
Patching Compounds	MasterProtect® FL 746	Acrylic patching compound for use with acrylic wall coatings	White	Textured	None	N/A	Yield is variable and depends on job conditions	Interior or exterior Vertical surfaces Fill voids Provides a smooth surface for coating	None	4 hours per lift	Long lasting flexibility provides durable crack bridging. 100% acrylic resin provides superior adhesion to concrete, masonry and other surfaces. Fungus and mildew-resistant for damp, humid climates. Allow drying for 4 hours before applying the second lift. MasterProtect patching compounds are 50-54% by volume, for thicker applications you will see shrinkage which can require multiple lifts.
	MasterProtect® FL 748			Smooth	None	N/A			None	12 hours to coat	
Block Filler	MasterProtect® FL 749	Acrylic copolymer block filler	White	Smooth	None	27	35 – 100 ft ² /gallon (0.86 – 2.45 m ² /L)	Porous or open masonry	Impact 1040 PowrTwin 8900 Hydra M4000	4 – 6 hours	Specifically developed for exterior applications. Heavy bodied to fill pores for excellent surface closure. Breathable. Can be applied to a damp surface. Easy to apply and can be applied using an airless sprayer.
Primers	MasterProtect® P 100	Water-based, 100 percent acrylic, smooth, waterproof coating	Milky white (dries clear)	None	None	N/A	300 – 375 ft ² /gallon (7.36 – 9.20 m ² /L)	Concrete, Masonry, EIFS/Stucco, Previously Painted***	Impact 1040 PowrTwin 8900	2 – 4 hours	Primer consolidates weak, dusting substrates for improved adhesion of MasterProtect acrylic coatings. VOC compliant for EPA and most regional jurisdictions.
	MasterProtect® P 150	Water-based, modified acrylic primer for use with MasterProtect high build coatings	White	Smooth Fine	None	N/A	175 – 275 ft ² /gallon (4.30 – 6.75 m ² /L)	Concrete, Masonry, EIFS/Stucco, Previously Painted***	Impact 1040 PowrTwin 8900	2 – 4 hours	Primer can handle pH levels up to 12 and may be tinted from a light to medium color. Provides a uniform background color before topcoat application.
	MasterProtect® P 200	White pigmented primer for chalky surfaces	White	Smooth	None	N/A	200 – 400 ft ² /gallon (4.91 – 9.83 m ² /L)	Concrete, Masonry, EIFS/Stucco, Previously Painted***	Impact 1040 PowrTwin 8900	2 – 4 hours	White pigmented for a chalky surface. Ambient and air temperature need to be 35° F (2° C) and rising.
Thin - mil applied acrylic	MasterProtect® C 250	Smooth, water-based, 100% acrylic coating. It provides long-term protection against wind-driven rain, fungus, and mildew growth.	Any	Smooth	3 – 6 mils DFT	19	100 – 200 sq ft/gallon (2.45 – 4.91 m ² /L)	Fiber Cement Siding, Concrete, Masonry, EIFS/Stucco, Previously Painted***	Impact 1040 PowrTwin 8900	1 – 4 hours	Thin mil application increases coverage rates and production. 100% acrylic formula resists wind-driven rain, helping prevent water penetration. Breathable. UV-resistant for long term UV exposure.
	MasterProtect® C 350	100% acrylic, smooth, waterproof coating engineered to reduce dirt pickup and to be cleaned via rainwater runoff or a water rinse	Any	Smooth	2 – 3.3 mils DFT	20	180 – 280 ft ² /gallon (47.55 – 73.97 m ² /L)	Fiber Cement Siding, Concrete, Masonry, EIFS/Stucco, Previously Painted***	Impact 1040 PowrTwin 8900	2 – 6 hours	Hydrophobic properties repel water and dirt for long-lasting clean appearance. 100% acrylic formula. Breathable. UV-resistant for excellent color retention. Coating can be used as a topcoat over a base coat of MasterProtect HB 200 or MasterProtect HB 400.
High Build breathable acrylic	MasterProtect® HB 100	Water-based, heavily textured acrylic copolymer wall coating containing perlite aggregate. It is ideal for tilt-up walls	Any	Heavy	5 – 8 mils DFT	> 8	50 – 100 sq. ft/gallon (1.23 – 2.45 m ² /L)	Concrete Cast-in-place and precast concrete Tilt-up-walls	PowrTwin 8900 Hydra M4000 PowrMax 605	2 – 4 hours	Excellent coating for tilt-up wall concrete surfaces. Uniform textured perlite finish hides minor surface imperfections. Breathable. Excellent color retention resists long term fading. Recoatable for easy and cost-effective maintenance.
	MasterProtect® HB 200	100% acrylic, smooth waterproof coating designed for airless spray application	Any	Smooth	5 – 8 mils DFT	25	75 – 125 ft ² /gallon (1.84 – 3.07 m ² /L)	Fiber Cement Siding, Concrete, Masonry, EIFS/Stucco, Previously Painted***	Impact 1040 PowrTwin 8900	2 – 6 hours	High perm rating compared to competitive products. MasterProtect HB 200 has a flat finish to help hide imperfections on substrates and simplify touch up applications. Also available in light-reflective MasterProtect HB 200LR, which is suitable for interior parking garage ceilings and is an effective carbon dioxide diffusion barrier.
	MasterProtect® HB 400	Water-based, high-build, 100% acrylic waterproof coating for above-grade concrete, masonry, stucco and EIFS	Any	Smooth Fine Coarse	6 – 11 mils DFT	13	75 – 100 ft ² /gallon (1.84 – 2.45 m ² /L)	Fiber Cement Siding, Concrete, Masonry, EIFS/Stucco, Previously Painted***	PowrTwin 8900 Hydra M4000 PowrMax 605 (Coarse)	2 – 6 hours	Water-based, high-build, 100% acrylic waterproof coating. Resists wind-driven rain and helps prevent water penetration into substrate. Excellent adhesion to substrate for long-term durability. Available in a broad range of colors and textures for design versatility. Effective carbon dioxide diffusion protects embedded steel from corrosion. Also available, MasterProtect HB 400DOT for state DOT projects including bridges and barrier walls.
Waterborne High Build acrylic	MasterProtect® HB 300SB	Waterborne, high-build, modified acrylic waterproof coating	Any	Smooth Fine	8 – 11 mils DFT	28.6	60 – 100 ft ² /gallon (1.47 – 2.45 m ² /L)	Fiber cement siding, Green Concrete, Concrete, Masonry EIFS/Stucco, Previously painted***	PowrTwin 8900 Hydra M4000 PowrMax 605	2 – 6 hours	Water-based, high-build, 100% acrylic waterproof coating. Resists wind-driven rain and helps prevent water penetration into substrate. Excellent adhesion to substrate for long-term durability. Available in a broad range of colors and textures for design versatility. Effective carbon dioxide diffusion protects embedded steel from corrosion. Also available, MasterProtect HB 400DOT for state DOT projects including bridges and barrier walls.
Elastomeric Acrylics	MasterProtect® EL 750	Water-based, high-build, 100% acrylic, elastomeric, waterproof coating. Crack bridging ability, elongation 344%	Any	Smooth Fine Coarse	8 – 16 mils DFT	12	50 – 100 ft ² /gallon (1.23 – 2.45 m ² /L)	Concrete, Masonry, EIFS/Stucco, Previously Painted***	PowrTwin 8900 Hydra M4000 PowrMax 605 (Coarse)	2 – 6 hours	344% ultimate elongation with >98% recovery for durable performance over dynamic cracks. Resists wind-driven rain, helps prevent water penetration into substrate. Breathable. Excellent adhesion to substrate for long-term durability. UV resistance for excellent color retention. Available in a broad range of colors and textures for design versatility. Flexibility at very low temperatures makes it suitable for all climates. Also available in algae-resistant formula, MasterProtect EL 750AA.
	MasterProtect® EL 850	Silicone-modified, elastomeric, anti-carbonation and waterproof coating	Any	Smooth	7 – 15 mils DFT	13	50 – 100 ft ² /gallon (1.23 – 2.45 m ² /L)	Concrete, Masonry, EIFS/Stucco, Previously Painted***	Impact 1040 PowrTwin 8900	12 + hours	Water-based, silicone-modified coating for waterproofing exterior surfaces. Superior dynamic crack bridging with a total elongation of >750%. Silicone-modified formula is recoatable. Resists wind-driven rain, helps prevent water penetration into substrate. Breathable. Excellent adhesion to substrate for long-term durability. Available in a broad range of colors for design versatility. UV resistance for excellent color retention. Diffuses carbon dioxide to slow carbonation of concrete. Flexibility at very low temperatures makes it suitable for all climates.

*Temperature and ambient conditions may impact drying time. **Substrate, profile and porosity can impact material coverage rates. For more information please refer to the manufacturer product technical data guide



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

Master Builders Solutions
Constructions Systems US, LLC
 889 Valley Park Drive
 Shakopee, MN 55379 USA

Customer Service (800) 433-9517
Technical Service (800) 243-6739
master-builders-solutions.com/EN-US



© registered trademark of a Group member
 in many countries of the world

© 2021 MBCC Group, 14000414 rev 03/2021

LIMITED WARRANTY NOTICE: Master Builders Solutions Construction Systems US, LLC ("Master Builders") warrants this product to be free from manufacturing defects and to meet the technical properties on the current Technical Data Guide, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. Master Builders MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of Master Builders. Any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. Master Builders WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on Master Builders present knowledge and experience. However, Master Builders assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. Master Builders reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.