



# Water Repellents

Solutions for  
Moisture Intrusion



# Water Repellents

Concrete and masonry surfaces always require protection from the damages of wind-driven rain, freeze-thaw, moisture, and chloride ion intrusion from de-icing salts...it's just a matter of time. Master Builders Solutions offers high performance water repellents that penetrate the substrate without creating a film on the surface. They maintain the original appearance of the substrate and allow moisture vapor to escape, while sealing and protecting concrete and masonry for years to come.

## Vertical Substrate Applications

### MasterProtect® H 177 Water Repellent

A patented, water-based, high-performance, clear, penetrating water repellent sealer developed for dense, vertical surfaces such as hard burnt brick, stucco and natural stone.

#### Advantages and Typical Uses

- Water-based
- Interior or exterior use
- Used on masonry/brick & stucco
- Breathable
- Easy to apply
- Excellent water bead

### MasterProtect H 185 Water Repellent

A patented, high-performance, water-based water repellent specifically formulated to provide long-term protection for the most challenging split faced light and medium weight CMU/block.

#### Advantages and Typical Uses

- Water-based
- Highest degree of water repellency for lightweight block/CMU
- Breathable
- Easy to apply
- Prevents moisture intrusion
- Excellent water bead
- Superior porous block treatment

### MasterProtect H 200 20% Silane Sealer

A patented, water-based, clear, penetrating silane sealer for use on a multitude of surfaces including concrete, brick, stucco and precast concrete.

#### Advantages and Typical Uses

- Water-based
- Horizontal or vertical use
- Used on exposed aggregate
- USDA certified (non-food contact areas)
- Interior or exterior use
- Easy to apply

### MasterProtect H 107 Silane/Siloxane Sealer

A patented, water-based, cost effective, clear penetrating silane/siloxane sealer developed for use on a multitude of vertical surfaces including poured-in-place concrete, brick, stucco and precast concrete.

#### Advantages and Typical Uses

- Water-based
- Cost effective
- Interior or exterior use
- Breathable
- Easy to apply

### MasterProtect H 440 VT Vertical Water Repellent

A solvent-based, VOC-compliant, penetrating water repellent designed to protect new and existing vertical concrete and masonry surfaces that are exposed to weathering elements and chloride ions.

#### Advantages and Typical Uses

- No cleaning necessary for ordinary windows or glass
- Does not harm adjacent metal, wood or painted surfaces
- Excellent for cool weather applications
- Prevents moisture intrusion damage
- Prevents freeze-thaw damage
- Breathable
- Greater than 40% active ingredients

### MasterProtect H 1000

#### Clear, Penetrating Water Repellent

A 100% silane sealer that penetrates and chemically reacts deep within the pores of concrete to form long-lasting protection to substrates subject to high traffic abrasion such as bridge decks, highway surfaces and parking garages. It will not harm adjacent metal, glass, wood or painted surfaces - which do not require cleaning after application. This is advantageous for concrete or masonry buildings because these surfaces need not be masked prior to application.

#### Advantages and Typical Uses

- Highest degree of water repellency
- Excellent chloride ion protection
- Freeze-thaw protection
- Forms a chemical bond deep within the surface
- Protects new and existing concrete



### Horizontal Substrate Applications

#### MasterProtect H 200 20% Silane Sealer

A patented, water-based, clear, penetrating silane sealer for use on a multitude of surfaces including concrete, brick, poured-in-place and precast concrete.

##### Advantages and Typical Uses

- Horizontal or vertical use
- Water-based
- USDA certified (non-food contact areas)
- Interior or exterior use
- Easy to apply
- Breathable

#### MasterProtect H 400 40% Silane Sealer

A patented high-performance, water-based, clear, penetrating silane sealer designed to protect concrete and masonry surfaces that are exposed to weathering and chloride ions.

##### Advantages and Typical Uses

- Water based
- Ideal for traffic-bearing surfaces
- Superior protection against water penetration
- Interior or exterior use
- Easy to apply
- Breathable

#### MasterProtect H 440 HZ Water Repellent for Horizontal Precast, Pre-stressed and poured-in-place Concrete

Solvent-based, VOC-compliant, silane sealer that penetrates deep and chemically reacts with concrete to form a long-lasting water-repellent surface. Ideal for use on horizontal surfaces subject to traffic abrasion.

##### Advantages and Typical Uses

- Ideal for traffic-bearing surfaces
- Prevents chloride ion intrusion
- Superior protection against water penetration
- Freeze-thaw protection
- Breathable
- Greater than 40% active ingredients
- Excellent for cool weather applications

#### MasterProtect H 1001 Clear Penetrating Breathable Water and Oil repellent

Designed to protect new and existing concrete surfaces that are exposed to weathering and chloride ions. An oliophobic additive helps prevent stains caused by motor oils, greases and food products.

##### Advantages and Typical Uses

- Resistant to oil, grease and food stains
- Easy to apply
- Breathable
- Excellent chloride ion protection
- Forms a chemical bond deep within the surface

#### MasterProtect H 1000 Clear, Penetrating Water Repellent

A 100% silane sealer that penetrates and chemically reacts deep within the pores of concrete to form long-lasting protection to substrates subject to high traffic abrasion such as bridge decks, highway surfaces and parking garages. It will not harm adjacent metal, glass, wood or painted surfaces - which do not require cleaning after application. This is advantageous for concrete or masonry buildings because these surfaces need not be masked prior to application.

##### Advantages and Typical Uses

- Highest degree of water repellency
- Excellent chloride ion protection
- Freeze-thaw protection
- Forms a chemical bond deep within the surface
- Protects new and existing concrete



### Applications

#### COMMERCIAL, RESIDENTIAL & INSTITUTIONAL BUILDINGS

- Brick Facades
- Concrete Blocks
- Lightweight Blocks
- Architectural Concrete
- Exposed Aggregate
- Conventional Stucco
- Natural Stone
- Concrete Pavers

#### INFRASTRUCTURES & TRANSPORTATION

- Bridge Decks
- Parking Decks
- Highways
- Stadiums
- Plazas

### Technologies

- Silane
- Silane/Siloxane Blend
- Water-based
- Solvent-based



## 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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