

M3P Overcoat

Roller or brush applied,
hybrid mineral silicate
paint.

WHERE TO USE

M3P Overcoat is used over properly prepared silicone, elastomeric or conventional masonry coatings and unpainted surfaces.

Performance Characteristics*

Painted surface compatibility

- M3P Overcoat was developed to maintain maximum vapor permeability of previously coated structures.

Versatility

- M3P Overcoat can also be applied to sound uncoated masonry surfaces in addition to coated surfaces.
- M3P Overcoat is the preferred potassium silicate product for surfaces with exposed aggregate.

Breathability

- Will not decrease MVT.

Water repellent

- Siloxane component provides long term protection from water and water borne contaminants.

Stable

- Unaffected by UV. Fire resistant.

Environmentally friendly

- Water based, low odor, low VOC.

Ease of application

- Single component, stir and apply.

Extensive color spectrum

- 34 standard colors, plus Masonry Restoration standard colors and custom matching.

Surface Preparation

- Remove loose and deteriorated material, laitance, dirt, dust, oil and any surface contaminants that will inhibit proper penetration.
- Surface must be dry and frost free.
- New concrete or repairs must cure a minimum of 7 days prior to application.

Priming

- No priming is required.

Mixing

- Stir or mechanically mix using a low speed drill (400 - 600) until homogenous.
- Mix pails from different batches when an entire surface is visible.

Application

- Apply a test sample in an inconspicuous area to determine suitability. FOR PRECAST BUILDINGS: A large mockup may be needed to determine porosity of the substrate.
- Always check adhesion by using a Tape test such as ASTM D3359.
- Roll or brush apply a uniform 7 mils wet coat. Apply a second uniform 7 mils wet coat after the first coat is dry to the touch.
- Substrate temperature must be above 45°F.
- Ambient temperature must be above 45°F for the entire curing period.
- For roller applications use a 3/8 - 1/2-inch synthetic nap roller depending on texture of substrate.
- Work to pre-determined break points in the structure.
- Maintain a wet edge.

Curing

- Protect from moisture for 24 hours.

Clean Up

- Clean tools and equipment with water. Clean adjacent areas with water before material dries.

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Coverage/Yield

- 170 – 300 ft.²/gal.
- 100 – 180 ft.²/gal. for split block or rough surfaces.

Product Handling

Packaging

- 5 gallon containers, 45 lbs. per unit

Shelf Life

- 18 months in unopened containers.

Storage

- Protect from freezing.
- Transport and store in cool, clean, dry conditions in unopened containers.
- High temperature will reduce shelf life.

Limitations

- Do not apply if precipitation is forecast within 24 hours of application.
- Do not apply in strong winds.
- Do not apply to frozen surfaces.
- Do not apply if temperature of substrate is below 45°F.
- Do not apply if ambient temperature is below 45°F.

Health and Safety

- Product is alkaline.
- Do not ingest.
- Avoid contact with skin and eyes.
- Refer to Safety Data Sheet (SDS) for additional information.

First Aid

- In case of skin contact, wash thoroughly with soap and water.
- For eye contact, flush immediately with a high volume of water for at least 15 minutes and contact a medical professional.
- For respiratory problems, remove person to fresh air.
- If respiratory difficulty persists, contact a medical professional.

Disposal

- Dispose of material in accordance with local, state and federal regulations.

Technical Data

Physical state & appearance		Thick liquid emulsion, natural
Base		Aqueous
pH		11.2
Percent solids by weight		51%
Viscosity	ASTM D562	95 - 105 KU – paint paddle
Density of liquid coatings	ASTM D1475	1.353 g/mL
Drying time		1 hour @ 65°F – dry to touch
Fungus resistance	Fed. Spec. TT-P-19D	No growth
Accelerated weathering – QUV	ASTM G154	2000 hours – UV-B cycled with condensation - no effect
Hiding power of coating @ 5 mils.	ASTM D2805	Excellent
Water vapor transmission	ASTM D6490	71% WVT
Water vapor transmission – Procedure B	ASTM E96	65 perms
Water penetration and leakage	ASTM E514	100% reduction
Heat stability	ASTM C932	Pass – 2 weeks @ 120°F
Mud cracking @ 10 mils.		None

FOR PROFESSIONAL USE ONLY

Conproco warrants this product for one year from the date of manufacture to be free from manufacturing defects and to meet the technical properties on the current technical data sheet if used as directed within shelf life. User determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product, exclusive of labor or cost of labor. September 2, 2024.

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