Master Wall Inc.®
Building a Culture of Excellence

PRODUCT DATA

SUPERIORCOTE™ HP

Class-leading, durable architectural coating with hydrophobic properties formulated with acrylic polymers. Increased durability and film formation. Hydrophobic properties bead rainwater, keeping the building cleaner.

FEATURES & BENEFITS

- Hydrophobic, beads water and keeps buildings cleaner
- Flat sheen compliments architecture
- 100% Acrylic Polymers for durability
- UV activated, performance improves with exposure
- Water-based - easy clean up with water

Application Temperature: 38°-110°F (3.3°-43°C)
Drying Time @ 50% RH: temperature and humidity dependent
@ 38°-45° F: Touch: 2 hours, Recoat: 24-48 hours
@ 45° F+: Touch: 1 hour, Recoat: 4 hours

JOB CONDITIONS

Air and substrate temperature for application of SuperiorCote™ HP must be 38° F (3.3° C) or higher and must remain 38° F (3.3° C) or higher for a minimum of 24 hours. Provide temporary protection to protect the wall system from damage until permanent flashings, caps and sealants are installed. Store mate-rials within prescribed temperature limits and out of direct sun-light. High temperatures will reduce working times, Low temperatures and/or high humidity and pigment loading will extend working, set and dry times.

PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazard-ous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority. Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Sand hard surfaces, such as metal, to provide better adhesion. Seal stains from water, smoke, ink, pencil, grease, etc. with the appropriate primer/sealer.

Coverage per pail (sf/m²)*

1 gallon: 165-265 (15-25) @ 6 mils wet; 2.9 mils dry (2-coats required)

5 gallon: 825-1325 (77-123) @ 6 mils wet; 2.9 mils dry (2-coats required)

**All coverage is approximate and depend upon sub-strate, details and individual application*

Packaging/Shelf Life/Storage

Packaging: 5 gallon (19 L) pail

Shelf Life: 2 years

Storage: Protect from extreme heat - 90°F (32°C), freezing and direct sunlight.

Technical Data

Water Vapor Transmission (perms), ASTM E96 Wet Cup: 50

Modulus Properties (ASTM D412), Tensile Strength (psi): 294.3, Elongation %: 16.7

Adhesion, ASTM C719 (dry): 4.3, ASTM C719 (wet): 0.7

Wind Driven Rain, ASTM D6904: <0.1 lb.

Hydrophobicity, Contact Angle Initial/5 min. dwell:

Before Accelerated Weathering 117.5/73.9

After 100 h Weatherometer 148.0/142.5

After 500 h Weatherometer 156.6/148.8

After 1000 h Weatherometer 156.9/152.0

Hazard: This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

VOC: Less than 50 g/L.

*Volume Solids: 48 ± 2%**

*Weight Solids: 65 ± 2%**

*Weight per Gallon: 12.4 lb.**
**White Base value, may vary by base.*

SURFACE PREPARATION

Aluminum

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, steel wool, or other abrading method.

Cement Composition Siding/Panels

Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. If the surface is new, test it for pH, if the pH is higher than 9, prime with Primecoat Primer if not pre-primed.

Masonry, Concrete, Cement, Block

All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Primecoat Primer. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant.

Steel

Rust and mill scale must be removed using sandpaper, steel wool, or other abrading method. Bare steel must be primed the same day as cleaned.

Stucco/EIFS/Acrylic Textured Finishes

Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 15 days before painting. If painting cannot wait 15 days, allow the surface to dry 5-7 days and prime with Primecoat Primer (pH of 13 or less). Repair cracks, voids, and other holes with an elastomeric patch or sealant.

Vinyl

Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly.

Wood, Plywood, Composition Board

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. Prime with Primecoat.

Caulking

Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.

Mildew

Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.

Hazard: This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

VOC: Less than 50 g/L.

Approved Substrates[3]

- Stucco/EIFS/CIFS® Textured Acrylic Finishes[1]
- Cement Composition Siding/Panels
- Brick[1]
- Concrete[1]
- Masonry[1]
- Aluminum & Aluminum Siding[2]
- Plywood
- Wood
- Vinyl Siding
- Others approved in writing

1. Surfaces with a pH greater than 9 must be primed with a high pH-resistant coating such as Master Wall® Primecoat Primer or other acrylic-finish compatible primer.
2. On large expanses of metal siding, the air, surface, and material temperatures must be 50°F or higher.
3. Standard latex primers cannot be used below 50°F. See specific primer label for that product's application limitations. Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. If applied to these bare woods, the first coat of SuperiorCote™ HP Coating may show some staining, but it will be trapped in the first coat. A second coat will uniform the appearance. If staining persists, spot prime severe areas with 1 coat of Exterior Oil-Based Wood Primer then topcoat with SuperiorCote™ HP.

APPLICATION

When the air temperature is at 38° F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 38° F and at least 5° F above the dew point. Avoid using if rain or snow is expected within 2-3 hours.

Do not apply at air or surface temperatures below 38° F or when air or surface temperatures may drop below 38° F within 48 hours. No reduction necessary.

Brush: Use a nylon/polyester brush.
Roller: Use a high quality polyester roller cover, 3/8" to 3/4" nap.
Spray—Airless

Pressure ..... 2000 psi
Tip ..... .015"-.019"

Apply two coats of SuperiorCote™ HP for proper performance. Hydrophobic properties will not develop immediately and are UV dependent. It may take up to 30 days before hydrophobic properties are visible.

CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

CAUTIONS

Mildew Resistant This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

- Protect from freezing.
- Non-photochemically reactive.

LABEL CAUTIONS

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

Information contained in this product data sheet conforms to the standard detail recommendations and specifications for the installation of Master Wall Inc.® products and is presented in good faith. Master Wall Inc.® assumes no liability, expressed or implied as to the architecture, engineering, or workmanship of any project. This information may be concurrent with, or superseded by other applicable documents, such as specifications and details. Contact Master Wall Inc.® for the most current product information. ©2026 Master Wall Inc.®

Health & Safety

WARNING! Causes eye and skin irritation. Precautionary Statement Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Store locked up. Dispose of contents/container in accordance with Local, State, Federal and Provincial regulation.

Spills: Collect with suitable absorbent material such as cotton rags.

Disposal: Dispose of in accordance with local, state or federal regulations.

Warning: KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Safety Data Sheet (SDS) in the Products section at masterwall.com for further health and safety information.

LIMITED WARRANTY
This product is subject to a written limited material or system warranty. Obtain a warranty from the Tech Support tab of our website. Refer to Specifications for more complete information on proper use and handling of this product.

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