

MasterProtect[®] P 200

White pigmented primer for chalky surfaces

FORMERLY THORO[®] PRIMER 2K

DESCRIPTION

MasterProtect P 200 is a white-pigmented, acrylic copolymer primer for chalky surfaces. Use it prior to applying MasterProtect coatings to enhance bond strengths of MasterProtect high-build coatings to the substrate.

YIELD

200 – 400 ft²/gallon (4.9 – 9.83 m²/L), depending on substrate porosity and texture. For best estimates apply a small, known quantity to the surface and measure the area covered.

PACKAGING

5 gallon (18.9 L) pails

COLORS

White

SHELF LIFE

18 months when properly stored.

STORAGE

Store in unopened containers in a clean, dry area out of direct sunlight. Do not store at temperatures greater than 100° F (39° C) or below 32° F (0° C).

FEATURES

- Acrylic copolymer emulsion
- Substrate conditioner
- Versatile
- Cool weather application

BENEFITS

- Seals dusty and chalky surfaces; improves adhesion of all MasterProtect acrylic coatings
- Improves workability, helps maintain wet edge and ease of topcoat application
- Can be used on a variety of substrates
- Suitable for a variety of climates

WHERE TO USE

APPLICATION

- Surfaces that exhibit chalk after cleaning
- Friable dusting concrete surfaces
- Vertical
- Exterior
- Above grade

SUBSTRATE

- Concrete
- Stucco and Portland cement plaster
- Previously painted surfaces

HOW TO APPLY

SURFACE PREPARATION

1. Surface should be dry, structurally sound, fully cured, free from laitance, oil, grease, curing compounds and other contaminants. A variety of surface prep techniques, including chemical, mechanical and water blasting (with or without abrasive) can be used. Patch all spalled areas with appropriate Master Builders Solutions concrete repair materials. Evaluate surface of existing coatings for chalk per ASTM 4214.

APPLICATION

1. Stir well before application.
2. Apply 1 coat by brush, roller, or low-pressure spray. MasterProtect P 200 can be applied with small airless spray equipment.
3. Do not thin.
4. Porous substrates may require 2 coats. Apply the second coat while the first coat is still wet to ensure maximum penetration and consolidation.

DRYING TIME

Allow MasterProtect P 200 to air dry for at least 3 – 4 hours at 70° F (21° C) and 50% relative humidity before applying the surface coatings. High relative humidity and low temperatures can extend the drying time.

CLEAN UP

Clean all tools and equipment with warm, soapy water immediately following application.

Technical Data

Composition

MasterProtect P 200 contains water, acrylic copolymer emulsion, fillers, and other proprietary ingredients.

Test Data

PROPERTY	RESULTS	TEST METHODS
Density, lbs/gal (kg/L)	9.0 (1.08)	ASTM D 1475
Solids, %		ASTM D 5201
By weight	28	
By volume	19	
VOC content, lbs/gal (g/L)	2.58 (309)	ASTM D 3960

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

FOR BEST PERFORMANCE

- Do not apply MasterProtect P 200 when surface or ambient air temperature is below 35° F (2° C) or expected to fall below 35° F (2° C) within 24 hours.
- Do not apply if rain is expected within 24 hours of application.
- Do not use MasterProtect P 200 before application of cement-based products.
- Do not use as a primer for solvent-based coatings.
- Do not dilute MasterProtect P 200.
- Apply a 4 by 4 ft (1.2 by 1.2 m) test area with the specified MasterProtect P 200 and MasterProtect acrylic coating to verify acceptable adhesion before proceeding with any project. The test method for measuring adhesion is ASTM D 3359, Measuring Adhesion by Tape, Method B. On the 0 – 5 scale, a minimum adhesion rating of 4A is required.
- Make certain the most current versions of product data sheet and SDS are being used; call Customer Service (1-800-433-9517) to verify the most current version.
- Proper application is the responsibility of the user. Field visits by Master Builders Solutions personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

HEALTH AND SAFETY

MasterProtect P 200

CAUTION

MasterProtect P 200 contains naphtha petroleum hydrotreated light, crystalline quartz silica and zinc oxide.

RISKS

Combustible liquid and vapor. May cause skin and eye irritation. Inhalation of vapors may cause irritation and intoxication with headaches, dizziness and nausea. Ingestion may cause irritation. Reports associate repeated or prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. **INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.**

PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION. Use only with adequate ventilation. Keep container closed. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing vapors. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or if used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state and local regulations. DO NOT cut or weld on or near empty container. Empty container may contain explosive vapors or hazardous residues. All label warnings must be observed until container is commercially cleaned or reconditioned.

FIRST AID

In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

PROPOSITION 65

This product contains materials listed by the state of California as known to cause cancer, birth defects, or other reproductive harm.

VOC CONTENT

309 g/L, less water and exempt solvents.

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.com/en-us, e-mailing your request to mbsbscst@mbcc-group.com or calling 1(800)433-9517. Use only as directed.

IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

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.

FOR PROFESSIONAL USE ONLY. NOT FOR SALE TO OR USE BY THE GENERAL PUBLIC.