



CHAPCO® MP

Multi-Purpose Primer

PRODUCT DATA

1. PRODUCT NAME

CHAPCO® MP Multi-Purpose Primer

2. MANUFACTURER

H.B. Fuller Construction Products Inc.
1105 South Frontenac Street
Aurora, IL 60504-6451 U.S.A.
800-552-6225 Office
chapco-adhesive.com

3. DESCRIPTION

CHAPCO® MP Multi-Purpose Primer is an acrylic latex based primer for use with CHAPCO® brand self leveling underlayments. It may also be used to enable the bonding of other CHAPCO® brand surface preparation products to difficult substrates such as metal, glazed ceramic tile, gypsum based underlayments, concrete treated with certain types of curing compounds (silicate or acrylic resin curing compounds only) and well bonded epoxy coatings.

Key Benefits and Features

- Multi-Purpose - one primer for all approved substrates
- Easy to apply with brush or roller for non-porous surfaces, or push broom for porous surfaces
- Excellent bond to a wide variety of substrates
- No slurry coat needed over non-porous substrates
- Solvent-free, low VOC
- Contributes to LEED® project points

Packaging

One U.S. gallon jugs 8.8 LBS (4.0 KG)
Product #70-5008-5069
Five U.S. gallon pails 42 LBS (19.1 KG)
Product #70-5008-1569

Recommended Substrates*

CHAPCO® MP Multi-Purpose Primer is suitable for use over the following clean, dry and structurally sound surfaces: concrete cementitious backer units (CBU or cement board), gypsum substrates with a minimum tensile bond strength of 72 psi (0.5 MPa), exterior grade plywood, oriented strand board (OSB), adhesive residue (except tacky or pressure-sensitive adhesive), cold-rolled steel and other non-galvanized metals (aluminum, copper and lead), existing ceramic tile, VCT or non-cushioned vinyl sheet goods, **if they are single layer only and well bonded to a substrate approved for tile.** For specific recommendations on other substrates, please contact your CHAPCO® representative.

* Always refer to the appropriate CHAPCO® brand surface preparation underlayment or patch product data sheet for application instructions and substrate requirements.

Coverage

Substrates	Primer to Water Ratio	Coverage Rates (square feet per gallon)
Porous concrete (two coats may be required for highly porous substrates)*	1:3	410
Gypsum underlayments (two coats required, ratios 1:4 and 1:2)	1:4 / 1:2	410 / 330
Wood	3:1	250
Tile/linoleum/steel/concrete curing compounds**	Full Strength	140
CHAPCO'S DEFENDER™ or Epoxy coatings (self-leveling and ceramic tile/stone applications)	Full Strength	250
CHAPCO'S DEFENDER™ (skim coat applications)	Full Strength	600

* Second coat is required if initial application is rapidly absorbed and dries in less than 1 hour. For second coat, primer to water ratio is 1:2.

** Silicate or acrylic resin curing compounds only.

Storage/Shelf Life

DO NOT FREEZE. Store in a cool dry area away from direct sunlight. Maximum shelf life is one year from date of manufacture in unopened container.

Limitations

Do not apply when the air temperature is below 50°F (10°C) and the substrate temperature is below 43°F (6°C). Do not use in areas subject to hydrostatic pressure. Not for use as sealer or as a wear surface.

Cautions

Read complete cautionary information printed on product container prior to use. For medical emergency information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about guidelines for the proper use and application of the covered CHAPCO® under normal environmental and working conditions. Because each project is different, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

CHAPCO® MP Multi-Purpose Primer	
Physical State	Acrylic emulsion
Open Time	Varies with temperature and humidity
Color	White, dries clear
Odor	Nil
Viscosity	Thin, liquid
Wt. per U.S. Gallon	8.8 lbs. ± 0.1 lb.
Wt. per Liter	1.06 kg. ± 0.01 kg

5. INSTALLATION INSTRUCTIONS

Preparation of Surfaces

Remove all surface contaminants such as oil, grease, floor finishes, wax and dirt. Remove adhesive by scraping until all that remains is a thin, transparent layer of adhesive residue. Minimum tensile bond strength of 72 psi (0.5 MPa) is required. For detailed substrate preparation information, refer to appropriate surface preparation product data sheet.

Concrete curing compounds: for use over concrete treated with silicate or acrylic resin curing compounds only. For silicate types, remove all residual salts. Install sample test areas to evaluate bond strength. Samples must achieve minimum 72 psi tensile bond strength. Petroleum based or wax emulsions and dissipating curing compounds are unacceptable and must be removed by mechanical means such as shot blasting.

Remediation of excessive moisture conditions must be addressed prior to the installation CHAPCO® MP Multi-Purpose Primer. To reduce moisture vapor emissions to an acceptable level, use CHAPCO'S DEFENDER™ Moisture Vapor Barrier (see product data sheet for details).

SURFACE PREPARATION



Mixing Instructions

For best results, room and product should be kept at 50° to 70°F (10° to 21°C) for 24 hours before, during and 48 hours after application. Mix CHAPCO® MP Multi-Purpose Primer with clean, potable water in the ratios listed in the coverage chart.

Application Instructions

CHAPCO® MP Multi-Purpose Primer can be applied with a paint brush or short nap roller for non-porous surfaces or a soft push broom for porous surfaces to apply an even, continuous film. Do not allow product to puddle.

Clean-up

Clean up primer from tools while primer is still wet with warm, soapy water. Material that is cured is difficult or impossible to remove.

Drying Time

CHAPCO® MP Multi-Purpose Primer dries to a clear film in approximately 1-3 hours. Dry times are based on 70°F (21°C) and 50% RH. Colder temperatures and higher humidity will extend dry time. To ensure product is fully dried, apply water droplet to surface and rub with fingertip. When water remains clear, product is fully dried. If water turns milky white, product is not dry. Repeat every 30 minutes until water remains clear. Avoid excessive foot traffic and surface contamination.

6. AVAILABILITY AND COST

To locate a distributor in your area, please contact:

phone: 800-832-9002

website: chapco-adhesive.com

7. WARRANTY

H.B. Fuller Construction Products Inc. offers a limited warranty on this product when installed in accordance with H.B. Fuller Construction Products Inc. printed specifications. Ask your sales associate or call 800-832-9002 for a copy of the limited warranty.

8. MAINTENANCE

Not applicable.

9. TECHNICAL ASSISTANCE

Information is available by calling the Technical Support Hotline:

Toll-free: 800-832-9023

Technical and Safety Literature:

To acquire technical and safety literature, please call 800-832-9023.

10. FILING SYSTEM

Division 3 - Concrete

Division 9 - Finishes



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