



ChemMasters

SPECIALTY CONSTRUCTION PRODUCTS

MASTERGARD 700

COLD APPLIED, ASPHALT
FOUNDATION DAMPPROOFING



P R O D U C T D A T A

DESCRIPTION

MasterGard 700 is a cold applied, solvent based, asphalt dampproofing product containing liquid asphalt with non-asbestos fibers.

USES

Dampproof exterior, above and below grade vertical surfaces. MasterGard 700 will prevent ground water, rain, and moisture from penetrating through poured concrete, block, brick, stone foundations, retaining walls, parapets, culverts and bridge abutments.

ADVANTAGES

- Minimizes water vapor transmission through porous substrates
- Contains fibers for extended durability and tear resistance
- Does not sag or flow during placement
- Less costly and easier to place than standard sheet type materials
- Forms seamless film with no breaks or pinholes
- Superior resistance to soil alkalinity, acidity or ground minerals
- Special trowel applied consistency available, MasterGard 750

TECHNICAL DATA

ASTM D-4479, Type 1

Complies with National Volatile Organic Compound Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59

VOC content		300 gm/L
Solids	78% by weight	74% by volume
Viscosity @ 77°F (24°C) - Stormer in kreb units		100-110
Application Temperature	40°-100°F	4°-38°C

Drying Time @ 70°F (21°C) 24 hours

Backfill 48 hours minimum 7 days maximum

PACKAGING

MasterGard 700 is packaged in 5 gallon (18.9 liter) pails or 55 gallon (208 liter) drums.

ESTIMATING GUIDE

Coverage given based on application as an unbroken film, free from pinholes or other surface breaks.

First coat	62.5 mil wet film	25 Ft. ² /ga
Second coat	31.5 mil wet film	50 Ft. ² /ga

DIRECTIONS

SURFACE PREPARATION: Surface must be free of oil, grease, laitance, dirt, dust and loose material. Remove any curing or sealing compounds, form release agents or other contaminants that might prevent adhesion of the dampproofing material. Do not apply over a wet or frosted surface.

Fill and coat concrete block foundation walls with Chemseal or Chemseal Trowel & Spray before application of MasterGard 700.

MIXING: MasterGard 700 is packaged ready to use. Do not dilute with water or solvent. For easier application, condition material to 50°F (10°C) or higher prior to use. Stir MasterGard 700 well using a mechanical drill and heavy duty mixing prop.

APPLICATION: Apply MasterGard 700 directly from container with three knot roofing brush, Tarzan roller applicator or industrial spray equipment suitable for heavy bodied, solvent based compounds.

Apply MasterGard 700 in two coats. Allow initial coat to become tacky or dry to touch before applying second coat. Apply continuously from the bottom of the footing to the grade level. All pores of the surface must be filled leaving no voids. Make sure coating is continuous and free of breaks or pinholes. Coat all exposed tops and edges of parapets and footing and fill all joints, grooves, slots, chases, corners and reveals. Follow all breaks in the surface. Apply second coat at a 90° angle to first coat.



ChemMasters, Inc

An American Owned & Operated Company
300 EDWARDS STREET • MADISON, OHIO 44057-3112
(440) 428-2105 • FAX (440) 428-7091 • ORDER LINE: (800) 486-7866 * www.chemmasters.net

Revised: Apr 2009

Do not place backfill for at least 48 hours after application to allow MasterGard 700 to cure. Wherever possible, backfill should be placed after two days, but within seven days of material application. Exercise care that the backfill is placed in a manner that will not damage or rupture the film.

LIMITATIONS

- Damproofing materials should not be confused with waterproofing materials. A damproof barrier system prevents intrusion of moisture vapor and water that is not under pressure. MasterGard 700 is not designed to prevent seepage from continuous or intermittent water under pressure.
- Do not heat or thin MasterGard 700
- Do not apply at ambient and surface temperatures below 40°F (4°C) or if such temperatures are expected within 48 hours
- Do not apply if rain is expected before proper set is achieved. In the event of rain while the application is in progress, or shortly after, while coating is still fresh, provide adequate protection to keep the rain from contact with the surface.
- ChemMasters makes no warranty, expressed, implied, or otherwise with respect to the use of MasterGard 700 as a plasterbond.

STORAGE

Keep from freezing. Store in dry area away from direct sunlight or sources of heat. Shelf life of properly stored material is one year from date of manufacture.

CAUTION

COMBUSTIBLE LIQUID: Keep away from heat and open flames. Use with adequate ventilation. May cause skin, eye and respiratory tract irritation. Do not take internally. Keep out of reach of children.

Make certain that the most current versions of the product data sheet and MSDS are being used. Go to www.chemmasters.net or contact ChemMasters customer service at 1.800.486.7866 to verify the most current version.

Proper application is the responsibility of the user. ChemMasters can only make technical recommendations and cannot provide quality control on the jobsite.

All label precautions and MSDS must be fully understood before using this product.

This Product is Formulated and Labeled for Industrial and Commercial Use Only

FOR BEST RESULTS AND SAFEST USAGE, USER IS SPECIFICALLY DIRECTED TO CONSULT THE CURRENT MATERIAL SAFETY DATA SHEET AND PACKAGE LABEL FOR THIS PRODUCT

We warrant our products to meet our published specifications and to be free from defects in materials and workmanship to the acceptable quality levels defined in these specifications. If acceptable quality levels are not specified, the acceptable quality levels will be those normally supplied by us for the product. We make no guarantee of the results to be obtained from the use of our products. The determination as to the adaptability of any of our products to the specific needs of the Buyer is solely Buyer's prerogative and responsibility. We are glad to offer suggestions on the use of our products. Nevertheless, there are no warranties given except such expresses warranties offered in connection with the sale of a particular product. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. IN NO CASE SHALL WE BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, CO-CONDITIONS AND REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, WHETHER ARISING UNDER ANY STATUTE, COMMON LAW, USAGE OR TRADE, COURSE OF DEALING OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.